DOCUMENT RESUME

ED 191 502 IR 008 769

AUTHOR	Slawsky, Dorothy A., Ed.
TITLE	ERIC Information Analysis Products (and Other Clearinghouse Publications) 1979. An Annotated Bibliography of Information Analysis Publications of the ERIC Clearinghouses, January-December 1979.
INSTITUTION	ERIC Processing and Reference Facility, Bethesda, Md.
SPONS AGENCY	National Inst. of Education (ED), Washington, D.C.
PUB DATE	Jun 80
NOTE	60p.: Pages 53-58 removed prior to filming. For related documents, see ED 165 812 and ED 180 500.
EDRS PRICE	MF01/PC03 Plus Postage.
DESCRIPTORS	*Annotated Bibliographies: Bibliographies: *Clearinghouses: *Education: Literature Reviews: *Publications: Research Reports: Resource Materials: State of the Art Reviews
IDENTIFIERS	*ERIC

ABSTRACT

This annotated bibliography provides access to recent research reviews, bibliographies, state-of-the-art studies, and interpretive studies on topics of high current interest in education published by the 16 ERIC Clearinghouses. The tenth of its kind, it lists a total of 159 ERIC Information Analysis Products developed in the 1979 calendar year. The formal content arrangement of citations in this bibliography conforms to that of their original publication in Resources in Education, with citations arranged by accession number within the listing for each clearinghouse. Subject, personal author, and institution indexes are provided. (RAA)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****

ED191502

Educational Resources Information Center

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
NATIONAL INSTITUTE OF EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY

ERIC

Information Analysis Products
(And other Clearinghouse Publications)

1979

An Annotated Bibliography of Information Analysis Publications of the ERIC Clearinghouses
January-December 1979

Dorothy A. Slawsky, Editor
ERIC Processing and Reference Facility
Bethesda, Maryland

June 1980

U.S. Department of Education
Shirley M. Hufstedler, Secretary

National Institute of Education
Michael Timpane, Director

Washington, D.C. 20208

IR008769

Table of Contents

Page

I. INTRODUCTION i

The ERIC System i
Information Analysis Products (IAP's) i
Bibliographies of ERIC Information Analysis Products ii
Organization of this Bibliography ii
Availability of ERIC Information Analysis Products ii

II. STATISTICAL SUMMARY iii
By Clearinghouse by Year (1968-1978) .....

III. SAMPLE CITATION iv

IV. CITATION SECTION (ARRANGED BY PRODUCING CLEARINGHOUSE) .....

CE — Adult, Career, and Vocational Education 1
CG — Counseling and Personnel Services 3
CS — Reading and Communication Skills 5
EA — Educational Management 6
EC — Handicapped and Gifted Children 8
FL — Languages and Linguistics 9
HE — Higher Education 11
IR — Information Resources 14
JC — Junior Colleges 16
PS — Elementary and Early Childhood Education 18
RC — Rural Education and Small Schools 19
SE — Science, Mathematics, and Environmental Education 21
SO — Social Studies/Social Science Education 22
SP — Teacher Education 24
TM — Tests, Measurement, and Evaluation 25
UD — Urban Education 26

V. INDEX SECTION 29
Subject Index 29
Author Index 43
Institution Index 47

VI. ERIC CLEARINGHOUSES (AND OTHER NETWORK COMPONENTS) 53

Complete List of Names, Addresses, Telephone Numbers, and Scope Notes 53

VII. HOW TO OBTAIN ERIC INFORMATION ANALYSIS PRODUCTS 55

ERIC Document Reproduction Service (EDRS) 55
Mini-File of IAP's on Microfiche 57

VIII. HOW TO ORDER ERIC ABSTRACT JOURNAL 58

Resources in Education (RIE) 58

I. Introduction

The ERIC System

ERIC, an acronym for Educational Resources Information Center, is a nationwide information system sponsored and supported by the National Institute of Education (NIE). ERIC is dedicated to the progress of education through the dissemination of education research results, practitioner-related materials, and other resource information that can be used in developing more effective educational programs. ERIC consists of a coordinating staff in Washington, D.C. and a number of Clearinghouses located at universities or with professional organizations across the country (see Section VI of this publication for a complete list of ERIC components).

Through this network of specialized centers or Clearinghouses, each of which focuses on a specific field in education, information is acquired, evaluated, cataloged, indexed, abstracted, and announced in ERIC abstract journals. These abstract journals: *Resources in Education* (RIE) and *Current Index to Journals in Education* (CIJE), provide access to reports of innovative programs, research results, and other significant efforts in education, both current and historical, which might otherwise not be readily available.

RIE is a monthly abstract journal devoted to the report literature. Each issue announces approximately 1,300 documents. RIE is published by the Government Printing Office (GPO) and is available on subscription from GPO.

CIJE is a monthly index to over 700 education periodicals. The core journal literature in the field of education is covered, as well as numerous other education-related articles appearing in journals only peripheral to the field. Each issue announces approximately 1,700 journal articles. CIJE is available on subscription from Oryx Press.

Information Analysis Products (IAP's)

In addition to collecting the literature of education for announcement in RIE and CIJE, the ERIC Clearinghouses analyze and synthesize the literature into research reviews, bibliographies, state-of-the-art studies, interpretive studies on topics of high current interest, and many similar documents designed to meet the information needs of ERIC users.

Publications of the ERIC Clearinghouses are called "Information Analysis Products" (or, briefly, IAP's). Each IAP is put into the ERIC system and announced in RIE or CIJE.

Bibliographies of ERIC Information Analysis Products

Periodically, ERIC prepares bibliographies of its Information Analysis Products. Items announced in these compilations are submitted by the ERIC Clearinghouses and reviewed by Central ERIC. Only substantive publications are selected for these bibliographies. Routine brochures, accession lists, computer searches, newsletters, etc., are not normally included. This is the tenth bibliography in this series. All items in the series to date are listed below:

ACCESSION NUMBER OF BIBLIOGRAPHY	SIZE	PERIOD COVERED	NUMBER OF ITEMS
ED-029 161	24 p.	FY 1968	149
ED-034 089	34 p.	FY 1969	240
ED-041 598	47 p.	FY 1970	366
ED-054 827	54 p.	FY 1971	416
ED-077 512	55 p.	FY 1972	415
ED-087 411	74 p.	FY 1973	396
ED-126 856	144 p.	FY 1974-1975	534
ED-168 608	168 p.	FY 1976-1977-1978 (thru Dec 1977)	600
ED-180499	74 p.	Jan-Dec 1978	211
ED-		Jan-Dec 1979	159
		TOTAL IAP'S (1968-1979)	3486

This bibliography covers the calendar year period from January through December 1979. It lists a total of 159 documents. IAP's that have been produced through the cooperative endeavors of two or more Clearinghouses have been listed under the Clearinghouse processing the item for announcement in the ERIC Abstract Journal *Resources in Education* (RIE).

Organization of this Bibliography

The format and arrangement of citations in this bibliography conform to that in the original announcement in RIE. Citations are arranged by Clearinghouse. Within each Clearinghouse section, documents are listed in accession number order. The content of the citations is the same as that in RIE. A sample citation is provided immediately preceding the citation section.

Three indexes are provided: Subject, Personal Author, and Institution. Index entries lead the user to an accession number. The Clearinghouse section in which the item is listed is indicated by a two-character alphabetic code in parentheses following the accession number, e.g., ED 123456(TM).

Availability of ERIC Information Analysis Products (IAP's)

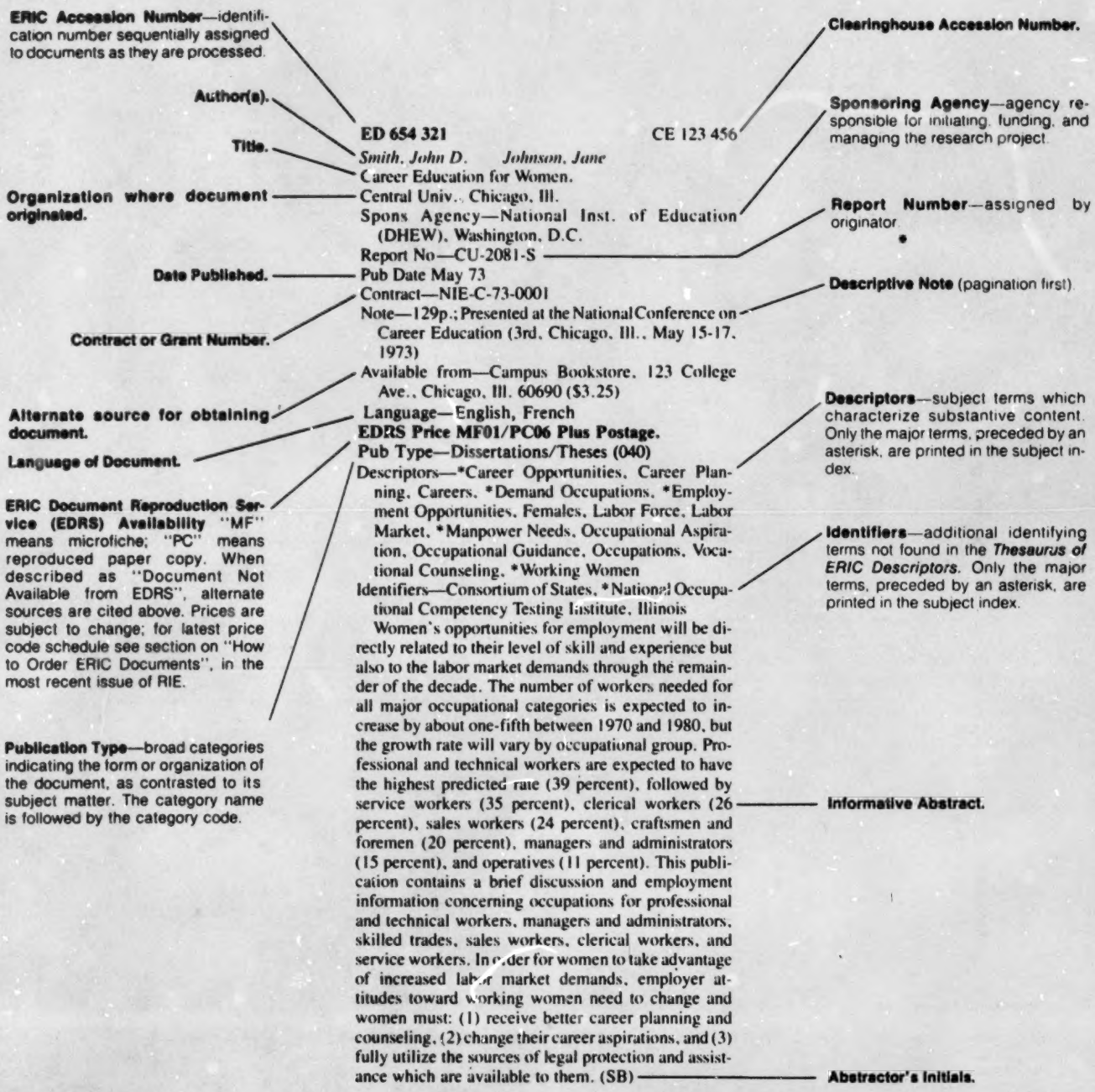
ERIC Information Analysis Products are published by the individual ERIC Clearinghouse responsible for producing them. As long as stocks last, original copies are usually available directly from the responsible Clearinghouse. In addition, however, IAP's are announced in RIE. They are then contained in all ERIC microfiche collections and may be ordered in microfiche or hardcopy from the ERIC Document Reproduction Service (EDRS).

See Section VII for instructions on how to order materials.

II. STATISTICAL SUMMARY—*BY CLEARINGHOUSE BY YEAR (1968-1979)*

IDENTIFYING PREFIX	CLEARINGHOUSE NAME	FY1968	FY1969	FY1970	FY1971	FY1972	FY1973	FY1974-1975	FY1976, FY1977, FY1978 THROUGH DEC. 1977	JAN-DEC 1978	JAN-DEC 1978	TOTALS
AC	Adult Education	24	16	20	28	20	16					124
AL	Linguistics	2	7	11	11							31
CE	Adult, Career, & Vocational Education							6	36	9	12	63
CG	Counseling and Personnel Services	5	8	19	22	16	15	13	22	16	12	148
CS	Reading and Communication Skills						60	38	46	13	8	165
EA	Educational Management	6	8	14	36	18	43	62	78	19	14	298
EC	Handicapped and Gifted Children	14	11	53	68	106	57	57	5	4	5	380
EF	Educational Facilities	1	19	16								36
EM	Educational Media and Technology	7	8	11	8	14	16					64
FL	Languages and Linguistics	7	27	29	16	16	12	27	26	16	10	186
HE	Higher Education		1	8	18	18	17	35	45	16	17	175
IR	Information Resources							30	47	8	12	97
JC	Junior Colleges	15	21	17	26	26	19	57	61	17	13	272
LI	Library and Information Sciences		2	7	9	14	8					40
PS	Elementary & Early Childhood Education	11	12	7	15	21	26	41	40	15	6	194
RC	Rural Education and Small Schools	10	18	13	23	9	9	30	23	13	8	156
RE	Reading	16	19	15	9	5						64
SE	Science, Mathematics, and Environmental Education	11	17	22	28	13	30	53	46	28	10	258
SO	Social Studies/Social Science Education				6	10	6	17	24	6	8	77
SP	Teacher Education		7	28	19	19	19	31	31	9	7	170
TE	Teaching of English	3	7	32	24	26						92
TM	Tests, Measurement, and Evaluation				1	12	11	19	33	6	5	87
UD	Urban Education	6	14	14	10	10	14	18	37	16	12	151
VT	Vocational and Technical Education	11	18	30	39	42	18	—	—	—	—	158
	TOTALS	149	240	366	416	415	396	534	600	211	159	3486

SAMPLE RESUME ENTRY


ERIC Accession Number—identification number sequentially assigned to documents as they are processed.
Author(s).
Title.
Organization where document originated.
Date Published.
Contract or Grant Number.
Alternate source for obtaining document.
Language of Document.
ERIC Document Reproduction Service (EDRS) Availability "MF" means microfiche; "PC" means reproduced paper copy. When described as "Document Not Available from EDRS", alternate sources are cited above. Prices are subject to change; for latest price code schedule see section on "How to Order ERIC Documents", in the most recent issue of RIE.
Publication Type—broad categories indicating the form or organization of the document, as contrasted to its subject matter. The category name is followed by the category code.
ED 654 321
CE 123 456
Smith, John D. *Johnson, Jane*
Career Education for Women.
Central Univ., Chicago, Ill.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Report No—CU-2081-S
Pub Date May 73
Contract—NIE-C-73-0001
Note—129p.; Presented at the National Conference on Career Education (3rd, Chicago, Ill., May 15-17, 1973)
Available from—Campus Bookstore, 123 College Ave., Chicago, Ill. 60690 ($3.25)
Language—English, French
EDRS Price MF01/PC06 Plus Postage.
Pub Type—Dissertations/Theses (040)
Descriptors—*Career Opportunities, Career Planning, Careers, *Demand Occupations, *Employment Opportunities, Females, Labor Force, Labor Market, *Manpower Needs, Occupational Aspiration, Occupational Guidance, Occupations, Vocational Counseling, *Working Women
Identifiers—Consortium of States, *National Occupational Competency Testing Institute, Illinois
Women's opportunities for employment will be directly related to their level of skill and experience but also to the labor market demands through the remainder of the decade. The number of workers needed for all major occupational categories is expected to increase by about one-fifth between 1970 and 1980, but the growth rate will vary by occupational group. Professional and technical workers are expected to have the highest predicted rate (39 percent), followed by service workers (35 percent), clerical workers (26 percent), sales workers (24 percent), craftsmen and foremen (20 percent), managers and administrators (15 percent), and operatives (11 percent). This publication contains a brief discussion and employment information concerning occupations for professional and technical workers, managers and administrators, skilled trades, sales workers, clerical workers, and service workers. In order for women to take advantage of increased labor market demands, employer attitudes toward working women need to change and women must: (1) receive better career planning and counseling, (2) change their career aspirations, and (3) fully utilize the sources of legal protection and assistance which are available to them. (SB)
Clearinghouse Accession Number.
Sponsoring Agency—agency responsible for initiating, funding, and managing the research project.
Report Number—assigned by originator.
Descriptive Note (pagination first).
Descriptors—subject terms which characterize substantive content. Only the major terms, preceded by an asterisk, are printed in the subject index.
Identifiers—additional identifying terms not found in the ***Thesaurus of ERIC Descriptors***. Only the major terms, preceded by an asterisk, are printed in the subject index.
Informative Abstract.
Abstractor's Initials.

Document Resumes

The document resumes in this section are arranged by ERIC Clearinghouse, with a secondary sort by accession number (ED number) within each Clearinghouse group. The following is a list of the ERIC Clearinghouses, the two-letter prefixes used to identify them, and the page on which each Clearinghouse's entries begin.

Page

CE —Adult, Career, and Vocational Education 1
CG —Counseling and Personnel Services 3
CS —Reading and Communication Skills 5
EA —Educational Management 6
EC —Handicapped and Gifted Children 8
FL —Languages and Linguistics 9
HE —Higher Education 11
IR —Information Resources 14
JC —Junior Colleges 16
PS —Elementary and Early Childhood Education 18
RC —Rural Education and Small Schools 19
SE —Science, Mathematics, and Environmental Education 21
SO —Social Studies/Social Science Education . 22
SP —Teacher Education 24
TM —Tests, Measurement, and Evaluation 25
UD —Urban Education 26

CE

ED 179 761 CE 023 464

Sork, Thomas J., Ed. And Others

Research and Investigation in Adult Education: 1976-1978 Register. Information Series No. 169.

ERIC Clearinghouse on Adult, Career, and Vocational Education, Columbus, Ohio.; Ohio State Univ., Columbus. National Center for Research in Vocational Education.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—79

Contract—400-76-0122

Note—190p.; Not available in paper copy due to small type

Available from—National Center Publications, National Center for Research in Vocational Education, The Ohio State University, 1960 Kenny Road, Columbus, Ohio 43210 ($5.10)

Pub Type— Reference Materials - Bibliographies (131) — Collected Works - Serials (022)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—*Adult Education, *Adult Learning, Annotated Bibliographies, Global Approach, Instructional Aids, *Instructional Materials, Labor Education, Learning Characteristics, Management Development, Personnel, Perspective Taking, *Professional Continuing Education, Program Administration, *Program Content, *Program Planning, Supervisory Training, Teaching Methods, Technical Education, Vocational Education

Identifiers—Information Analysis Products

This annotated bibliography provides a comprehensive listing of adult education research and investigation materials that were entered into the ERIC system during the period 1976-78. Containing 1,014 entries, the bibliography covers adult learning characteristics, program planning and administration, learning environments, instructional methods, curriculum materials and instructional devices, personnel and staffing, education of particular groups, program areas, professional and technical continuing education, management and supervisory development, labor education, occupational training, institutional sponsors, and international perspectives in adult education. Subject and author indexes are provided. (CT)

ED 179 762 CE 023 466

Niemi, John A., Ed.

Viewpoints on Adult Education Research. Information Series No. 171.

ERIC Clearinghouse on Adult, Career, and Vocational Education, Columbus, Ohio.; Ohio State Univ., Columbus. National Center for Research in Vocational Education.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—79

Contract—400-76-0122

Note—125p.

Available from—National Center Publications, National Center for Research in Vocational Education, The Ohio State University, 1960 Kenny Road, Columbus, Ohio 43210 ($7.75)

Pub Type— Collected Works - Serials (022) — Opinion Papers (120) — Collected Works - General (020)

EDRS Price - MF01/PC05 Plus Postage.

Descriptors—*Adult Education, *Continuous Learning, *Educational Research, Older Adults, Opinions, Research Methodology, *Research Projects

Identifiers—Information Analysis Products, *Participatory Research

This collection of speeches and essays concerns various viewpoints on the subject of adult education research. The first paper, Lifelong Learning: Problems in Research (Apps), examines the viewpoint that the majority of research as now practiced is not consistent with the major assumptions in the field of adult education. The next essay, Participatory Research: Should It Be a New Methodology for Adult Educators? (Griffith and Cristarella), answers several questions about participatory research: (1) What is participatory research? (2) How does it compare with established methodologies? and (3) Should all adult educators be taught to carry out such research? The third paper, Participatory Research: Breaking the Academic Monopoly (Hall), also deals with the concept of participatory research, especially with its future directions. Next, Boshier presents a conceptual and methodological perspective concerning research on participation in adult education. Finally, Boyd re-examines basic conceptualizations of learning for the older adult learner. Each paper includes bibliographies concerning the author's subject matter. (CT)

ED 179 763 CE 023 471

Kroll, Arthur M. Pfister, Linda A.

Selecting and Using Tests of Career Skills. Information Series No. 177.

ERIC Clearinghouse on Adult, Career, and Vocational Education, Columbus, Ohio.; Ohio State Univ., Columbus. National Center for Research in Vocational Education.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—79

Contract—400-76-0122

Note—25p.

Available from—National Center Publications, National Center for Research in Vocational Education, The Ohio State University, 1960 Kenny Road, Columbus, Ohio 43210 ($2.20)

Pub Type— Collected Works - Serials (022) — Guides - Non-Classroom (055)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Career Education, Evaluation Criteria, *Evaluation Methods, *Job Skills, Measurement, Skills, Test Construction, *Test Interpretation, *Test Reliability, Test Results, Test Reviews, *Tests, Test Selection, Verbal Ability

Identifiers—*Career Skills Measurement, Information Analysis Products

The increased attention to measuring career skills has resulted in more instrument development, more testing of students, and more test administrators. There are three key areas of concern. The first area is that of identifying purposes to be served by assessing career skills. Purposes include permitting descriptions of the current status of individuals or groups, and evaluation (effectiveness, utilization in program improvement, allocation of resources, and allocation of money). The second area is that of becoming an informed user of career skills tests–Is the instrument designed for the test audience?; Is the reading level appropriate?; Is the test reliable?; Is it valid?; and Is it free of sexual and cultural stereotyping? The third area concerns limitations in test design and use. There are two principal concerns about the design of paper and pencil career skills assessment materials. They are (1) indirect measurement and the problem of sampling in assessing career skills, and (2) the effects of verbal ability on student performance on measures of career skills. Appropriate caution should be observed in using tests of career skills. (CT)

ED 179 764 CE 023 472
Clyde, John S.
Computerized Career Information and Guidance Systems. Information Series No. 178.
ERIC Clearinghouse on Adult, Career, and Vocational Education, Columbus, Ohio.; Ohio State Univ., Columbus. National Center for Research in Vocational Education.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Contract—400-76-0122
Note—71p.
Available from—National Center Publications, National Center for Research in Vocational Education, The Ohio State University, 1960 Kenny Road, Columbus, Ohio 43210 ($4.50)
Pub Type— Information Analyses (070) — Collected Works - Serials (022)
EDRS Price - MF01/PC03 Plus Postage.
Descriptors—Adults, Career Development, Career Opportunities, *Career Planning, *Computers, *Decision Making, *Guidance Counseling, *Information Systems, Junior High School Students, Postsecondary Education, Program Development, Senior High Schools, *Systems Analysis
Identifiers—Information Analysis Products
This review of computerized career information and guidance systems begins with a discussion of the increase in computer systems in daily life. Part 2 examines the emergence of a national career information system program. The development of computerized systems that assist in career decision making is described in part 3. Part 4 provides descriptive information on leading computerized systems, comparing such elements as effectiveness, user populations, marketing services, and others. Part 5 reviews the literature on system research and evaluation for the following populations: junior/senior high school students, postsecondary students, and non-school adults. The review also contains charts illustrating the various elements of the different systems. Appended materials include proposed standards and self-evaluation guides for system assessment and a list of systems publications. (CT)

ED 179 765 CE 023 473
Thompson, Catherine, Comp.
State Directory of Educational Dissemination for Adult, Career, and Vocational Education. Information Series No. 182.
ERIC Clearinghouse on Adult, Career, and Vocational Education, Columbus, Ohio.; Ohio State Univ., Columbus. National Center for Research in Vocational Education.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Contract—400-76-0122
Note—95p.
Available from—National Center Publications, National Center for Research in Vocational Education, The Ohio State University, 1960 Kenny Road, Columbus, Ohio 43210 ($5.50)
Pub Type— Collected Works - Serials (022) — Reference Materials - Directories/Catalogs (132)
EDRS Price - MF01/PC04 Plus Postage.
Descriptors—Adult Education, Bilingual Education, Career Education, Coordinators, *Directories, Elementary Secondary Education, *Federal Programs, *Information Dissemination, Literacy, Migrant Education, Research Projects, *State Agencies, *State Departments of Education, Vocational Education
Identifiers—Information Analysis Products, United States
This directory contains a compilation of contact persons for a number of state and federal agencies for dissemination of educational information. The lists include contact persons from all fifty states, Puerto Rico, American Samoa, Guam, and the Virgin Islands. Most addresses include phone numbers. The agencies are as follow: (1) National Association of State Education Department Information Officers; (2) chief state school officers; (3) State Dissemination Leadership Project representatives; (4) state facilitators for the National Diffusion Network; (5) State Dissemination Grants Program; (6) National Network of Centers for Bilingual Education; (7) State Liaison Representatives; (8) Elementary and Secondary Education Act Title IV state coordinators; (9) National Right to Read Effort; (10) State Research Coordinating Units directors; (11) contact persons for career education; (12) contact persons for vocational education; (13) contact persons for adult education; (14) Elementary and Secondary Act Title I Migrant State Coordinators. (CT)

ED 179 766 CE 023 474
Bhaerman, Robert D.
What "First Generation" Research on Career Education Says to the Classroom Teachers-and Vice Versa. Information Series No. 179.
ERIC Clearinghouse on Adult, Career, and Vocational Education, Columbus, Ohio.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.; Ohio State Univ., Columbus. National Center for Research in Vocational Education.
Pub Date—79
Contract—400-76-0122
Note—30p.
Available from—National Center Publications, National Center for Research in Vocational Education, The Ohio State University, 1960 Kenny Road, Columbus, Ohio 43210 ($2.35)
Pub Type— Information Analyses (070) — Collected Works - Serials (022)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—*Career Education, Curriculum Development, Educational Accountability, Educational Facilities, *Educational Research, Evaluation, *Evaluation Criteria, Evaluation Methods, *Evaluation Needs, Faculty Development, Intervention, Learning Activities, Performance Factors, *Program Effectiveness, Research Design, Research Problems, State of the Art Reviews
Identifiers—*Information Analysis Products
Intended for the classroom teacher, this review of first generation career education research is based primarily on Edwin L. Herr's comprehensive review and synthesis, "Research in Career Education: The State of the Art" (ED 149 177). Herr's major findings have been summarized in a list of statements. For example, two of these statements are as follows; (1) successful programs tended to show considerable community involvement and the bringing together of students and working adults in some way, and (2) several studies indicated that parents are still the most influential factor in students' career development. Several key observations also are presented regarding the impact and nature of the research conducted. The following are representative: attitudinal and affective outcomes, such as changes in self-concept, were achieved less commonly than cognitive content; there was little evidence that institutional effects were considered; and in many projects the conceptual framework was obscure, thus making it difficult to know what changes in students or in teachers could be anticipated. The remainder of this document focuses on comments and questions teachers might want to consider and to ask researchers. These questions are based on guidelines in "Ways to Evaluate Different Types of Career Education Activities: A Handbook of Evaluation Models" (Anita Mitchell, et al.). (BM)

ED 179 767 CE 023 475
Bhaerman, Robert D., Comp.
Techniques and Strategies for Infusing Career Education into the Educational Program for Exceptional Children: Some Sample Resources. Information Series No. 181.
ERIC Clearinghouse on Adult, Career, and Vocational Education, Columbus, Ohio.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.; Ohio State Univ., Columbus. National Center for Research in Vocational Education.
Pub Date—79
Contract—400-76-0122
Note—62p.
Available from—National Center Publications, National Center for Research in Vocational Education, The Ohio State University, 1960 Kenny Road, Columbus, Ohio 43210 ($3.80)
Pub Type— Information Analyses (070) — Collected Works - Serials (022)
EDRS Price - MF01/PC03 Plus Postage.
Descriptors—Behavioral Objectives, *Career Education, *Educational Programs, Educational Resources, Educational Strategies, *Exceptional Child Education, *Handicapped Students, Learning Activities, Program Descriptions
Identifiers—*Educational Resources Information Center, Information Analysis Products, *Infusion Techniques
Resources to develop techniques and strategies for infusing career education into educational programs for exceptional children are examined in this paper. The first section, in question-and-answer format, deals with questions teachers have about career education infusion: definitions of terms, the significance of career education for handicapped students, and the ERIC system as a source of information. In the next section, abstracts of thirty-nine projects and programs in this area are presented. In the third section, five examples illustrate specific techniques and strategies: (1) a sample module; (2) bibliography; (3) suggested classroom activities; (4) behavioral objectives; and (5) a sample teaching unit. The appendix explains how to find documents in the ERIC system. (CT)

ED 179 768 CE 023 477
Nelson, Helen Y.
Home Economics Education; A Review and Synthesis of the Research. Information Series No. 184.
ERIC Clearinghouse on Adult, Career, and Vocational Education, Columbus, Ohio.; Ohio State Univ., Columbus. National Center for Research in Vocational Education.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Contract—400-76-0122
Note—135p.
Available from—National Center Publications, National Center for Research in Vocational Education, The Ohio State University, 1960 Kenny Road, Columbus, Ohio 43210 ($7.75)
Pub Type— Collected Works - Serials (022) — Information Analyses (070)
EDRS Price - MF01/PC06 Plus Postage.
Descriptors—Adult Education, Area Vocational Schools, *Consumer Education, *Educational Research, *Home Economics Education, Homemaking Education, Instructional Materials, Learning Characteristics, Learning Processes, *Occupational Home Economics, Postsecondary Education, Professional Training, *Research Projects, Secondary Education, Sex Stereotypes, *Teacher Education, Teaching Methods
Identifiers—Information Analysis Products
This review and synthesis of research on home economics education covers studies done during the period 1970-1978. Research reports cover the following topics: consumer-homemaking education, occupational home economics programs in the junior and senior high schools, postsecondary and outreach programs for adults, area vocational schools, and home economics teacher education. The review focused on those studies investigating significant problems which tested theoretically derived hypotheses, those which approached problems in an innovative manner, those which illustrated a continuity of research, those which tended to conceptualize problems, and those which test experimental or quasi-experimental designs. The studies are divided into the following sections: the professional education of teachers; professionalism in home economics education; learning processes and teaching methods; needs, characteristics, and interests of learners; curriculum and teaching materials; sex-role stereotyping; occupations in home economics fields; evaluation; responsiveness to needs for information; and recommendations for future research. A list of references concludes the document. (CP)

ED 179 769 CE 023 478
Adamsky, Richard A. Cotrell, Calvin J.
Vocational Teacher Education: A Review of the Research. Information Series No. 185.
ERIC Clearinghouse on Adult, Career, and Vocational Education, Columbus, Ohio.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.; Ohio State Univ., Columbus. National Center for Research in Vocational Education.
Pub Date—79
Contract—400-76-0122
Note—44p.
Available from—National Center Publications, National Center for Research in Vocational Education, The Ohio State University, 1960 Kenny Road, Columbus, Ohio 43210 ($2.80)
Pub Type— Information Analyses (070) — Collected Works - Serials (022)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—Financial Support, Job Skills, *Performance Based Teacher Education, Personnel Needs, Research Projects, State Aid, Systems Development, Task Analysis, *Teacher Recruitment, *Teaching Experience, *Training Tech-

niques, *Vocational Education Teachers
Identifiers—Information Analysis Products, *Vocational Teacher Education
Research literature was reviewed for the joint purposes of assessing the state of the art in vocational teacher education research and attempting to determine whether vocational teacher education has escaped its ancillary status and, through significant research, moved toward becoming an intellectual field. Most of the research studies deal with teachers' occupational competencies and experience and use the task-analytical approach. The standardization of occupational competency tests is now the focus of several research efforts. One area which has attracted little research is the problems of teacher recruitment. An area where more research is recommended is that of personnel and materials resources and the disparity from state to state in availability of these resources, especially money for funding. Another area, one in which much significant research has been done, is that of performance-based teacher education, which continues to grow and spread throughout many states. Other research has dealt with alternative techniques for dispensing system content and the ways to organize this content. It was concluded that, at present, vocational teacher education remains an ancillary activity, due partly to lack of financial support and sparseness of research in the field. (CT)

ED 179 770 CE 023 479
Albright, Leonard
Administering Programs for Handicapped Students. Professional Development Series, No. 3.
American Vocational Association, Washington, D.C.; ERIC Clearinghouse on Adult, Career, and Vocational Education, Columbus, Ohio.
Pub Date—79
Note—25p.
Available from—Special Publications, American Vocational Association, 2020 N. 14th St., Arlington, VA 22201 (Order No. 10379, $3.00)
Pub Type— Guides - Non-Classroom (055) — Collected Works - Serials (022)
EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.
Descriptors—Access to Education, *Administrator Responsibility, Community Involvement, Educational Alternatives, Elementary Secondary Education, Guidelines, Handicap Detection, *Handicapped Students, Individualized Instruction, *Individualized Programs, Inservice Programs, *Mainstreaming, *Program Administration, Program Evaluation, Student Placement, Teacher Participation, *Vocational Education
Identifiers—Education for All Handicapped Children Act, Rehabilitation Act 1973, Vocational Education Amendments 1976
Intended as a primer for administrative action, this booklet gives the vocational administrator some basic guidelines and strategies for managing vocational programs and services for handicapped students and clarifies key concepts. The five sections each address one of the major concerns of an administrator: identifying students with handicaps, the individualized education program (IEP), student placement, monitoring and evaluating special services, and managing human resources. Definitions of the handicapped and nine categories of handicap offered in the 1976 vocational education legislation (Public Law 94-482) are provided as well as suggestions for establishing identification procedures (part 1). Detailed planning for each student is discussed in terms of the IEP–its definition, participants, teacher's contribution, and format, content, and process (part 2). Implications of student placement by the administrator into the least restrictive environment are discussed next, including placement alternatives, admittance requirements, and program accessibility (part 3). An IEP status reporting system is recommended to monitor the program, and a procedure for evaluating the effectiveness of services is presented (part 4). Active teacher involvement is emphasized as important for successful implementation of program ideas and new procedures (part 5). Organization, conduction, and funding of inservice programs are discussed. A brief note on effective advisory councils to expand education and employment opportunities follows. (YLB)

ED 179 771 CE 023 480
Peterson, Marla
Serving Handicapped Students in Vocational Education: A Guide for Counselors. Information Series No. 186.
ERIC Clearinghouse on Adult, Career, and Vocational Education, Columbus, Ohio.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.; Ohio State Univ., Columbus. National Center for Research in Vocational Education.
Pub Date—79
Contract—400-76-0122
Note—32p.
Available from—National Center Publications, National Center for Research in Vocational Education, The Ohio State University, 1960 Kenny Road, Columbus, Ohio 43210 ($2.35)
Pub Type— Information Analyses (070) — Collected Works - Serials (022) — Guides - Non-Classroom (055)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—*Career Development, Career Exploration, *Counselor Role, Federal Legislation, *Handicapped Students, *Individual Development, Job Application, Job Development, Job Placement, Parent Participation, Pupil Personnel Workers, Self Concept, Testing, Vocational Education
Identifiers—Information Analysis Products, *School to Work Transition, *Vocational Assessment
This paper discusses some of the specialized knowledge, role expansion, and guidance and counseling techniques designed to help school counselors and other school personnel assist handicapped students with their life development. A section on pupil personnel service workers examines the necessity for such workers and the federal laws affecting education programming. The section on career development is divided into discussions of personal-social development needs (such as realistic work experiences) of handicapped individuals. The next section explores five elements of vocational assessment: (1) the importance of vocational assessment; (2) parents as partners in the assessment process; (3) federal laws and testing requirements; (4) special considerations for testing the handicapped; and (5) the role of the counselor. This section also includes short descriptions of ten vocational evaluation systems. The final section explores the transition from school to work, including suggestions concerning job seeking, job development, job placement, and job follow through. (CT)

ED 179 772 CE 023 481
Vasa, Stanley F. And Others
Career Education for the Handicapped Child: A Guide to Parent Education Programming. Information Series No. 180.
ERIC Clearinghouse on Adult, Career, and Vocational Education, Columbus, Ohio.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.; Ohio State Univ., Columbus. National Center for Research in Vocational Education.
Pub Date—79
Contract—400-76-0122
Note—33p.
Available from—National Center Publications, National Center for Research in Vocational Education, The Ohio State University, 1960 Kenny Road, Columbus, Ohio 43210 ($2.35)
Pub Type— Information Analyses (070) — Collected Works - Serials (022)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—*Career Development, *Career Education, *Delivery Systems, *Handicapped Students, Information Sources, Job Application, Job Skills, Parent Child Relationship, *Parent Role, *Program Design
Identifiers—Information Analysis Products
This paper explores the procedures utilized in developing a program model to assist parents of handicapped students in learning about their roles in enhancing the development of their children's skills and attitudes necessary for the work world. The first section discusses three basic assumptions about parents and their role in education: (1) their concern about their children; (2) their right to be involved in their child's educational program; and (3) their effectiveness as teachers. Questions that parents have about such topics as career education, parental support of the school, career development at home, parental support of their child's job selection and procurement process, and information resources are examined briefly in the next section. The third discusses a program delivery system, including such elements as program goals, duration, resources, and evaluation. Appended materials include six career education objectives for the handicapped child, suggested parent activities, a directory of organizations related to the handicapped, and a fact sheet concerning the problems faced by parents of handicapped children. (CT)

CG

ED 181 387 CG 014 171
Quinn, I. Thomas
Consultation Skills for Pupil Personnel Services Staff.
ERIC Clearinghouse on Counseling and Personnel Services, Ann Arbor, Mich.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—80
Contract—400-78-0005
Note—44p.
Available from—ERIC Clearinghouse on Counseling and Personnel Services, 2108 School of Education, University of Michigan, Ann Arbor, MI 48109 ($5.00)
Pub Type— Guides - General (050) — Information Analyses - ERIC Information Analysis Products (071)
EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.
Descriptors—*Consultants, *Counseling Effectiveness, Counselors, Elementary Secondary Education, *Guidance Personnel, Inservice Education, *Professional Development, *Pupil Personnel Services, *Skill Development
This monograph is designed to help those working in pupil personnel services to develop an understanding of consultation, to become aware of strategies for encouraging educators to participate in guidance efforts, and to learn specific consultation functions and approaches. A comprehensive training program is described. A reference list and planning forms are included so that the user can develop a systematic plan for beginning consultation efforts. The described functions, approaches, or forms may be modified to match the interests and strengths of those using the material. (Author/CKJ)

ED 181 388 CG 014 172
Mamarchev, Helen L. Pritchett, Beverly
Resource Resourcefulness: A One-Day Training Workshop.
ERIC Clearinghouse on Counseling and Personnel Services, Ann Arbor, Mich.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—80
Contract—400-78-0005
Note—107p.
Available from—ERIC Clearinghouse on Counseling and Personnel Services, School of Education, University of Michigan, Ann Arbor, MI 48109 ($6.00)
Pub Type— Reports - General (140) — Information Analyses - ERIC Information Analysis Products (071)
EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.
Descriptors—*Counselor Training, Helping Relationship, *Information Sources, *Inservice Programs, Models, *Professional Personnel, Program Development, *Resources, *Training, Workshops
The role of helping professionals is emerging as an integral part of a comprehensive program. "Resource resourcefulness," a developmental phase of any such program, requires special knowledge and skills on the part of all helping professionals, from counselors to career education specialists. A resource can be defined as any source of information, human or nonhuman. Acquiring and maintaining these resources can be assimilated into the total process of needs assessment, program design, implementation and evaluation. The workshop described is designed to help participants acquire specific skills to apply to their work settings. The one-day training program can be used for preservice counselor education, and provides a step-by-step approach to developing skills in resource acquisition and utilization from the beginning stage of resource attitudes assessment to the final stage of implementation. (Author/BMW)

ED 181 389 CG 014 173
Vocational Guidance in Manpower Development: Papers Presented at the Asian Regional Conference-Workshop (Manila, Philippines, 1977).
ERIC Clearinghouse on Counseling and Personnel Services, Ann Arbor, Mich.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Note—173p.; Conference sponsored by the Asian Regional Association for Vocational and Educational Guidance.
Available from—ERIC Clearinghouse on Counseling and Personnel Services, 2108 School of Education, University of Michigan, Ann Arbor, MI 48109 ($5.00)
Pub Type— Collected Works - Proceedings (021) — Information Analyses - ERIC Information Analysis Products (071)
EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.
Descriptors—Community Programs, Foreign Countries, Guidance Services, Individual Needs, *Manpower Development, *Occupational Guidance, *Skilled Workers, *Unemployment, *Vocational Counseling, Workshops, Youth
Identifiers—*Philippines, *Third World
The unemployment of youth and adults has surfaced as a problem and a challenge to Asian Third World governments. Industry and business continue to experience a shortage of skilled and technical manpower. A manpower development conference was held in the Philippines on topics which included: (1) the role of private educational institutions in manpower development; (2) vocational guidance and interests; (3) vocational services and counseling; (4) placement services; and (5) labor market futures for secondary school graduates. All programs described relate to issues in the Philippines, Japan and southeast Asia. (Author/BMW)

ED 181 390 CG 014 174
Maples, Mary F.
Guidance and Counseling: Perspectives on an Emerging Profession.
ERIC Clearinghouse on Counseling and Personnel Services, Ann Arbor, Mich.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—80
Contract—400-78-0005
Note—32p.
Available from—ERIC Clearinghouse on Counseling and Personnel Services, School of Education, University of Michigan, Ann Arbor, MI 48109 ($4.00)
Pub Type— Information Analyses - ERIC Information Analysis Products (071)
EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.
Descriptors—*Certification, *Counseling, *Counselor Role, *Educational Attitudes, *Guidance, Perspective Taking, *Professional Development, Pupil Personnel Services, State of the Art Reviews, Student Personnel Services
Perspectives on the profession of guidance and counseling during the 1970's are discussed and reviewed. Major topics focus on licensure, government relations, counselor renewal, collective bargaining and counselor competence. Also included is a survey of the 1980's, focusing on testing programs and their potential future, emerging sex roles, and counselors as change agents. This publication could be useful to anyone in guidance, counseling and/or personnel services. (Author/BMW)

ED 181 391 CG 014 175
Mamarchev, Helen L.
Program Evaluation and Accountability. Searchlight 7+: An Information Analysis Paper, November 1966 through December 1978.
ERIC Clearinghouse on Counseling and Personnel Services, Ann Arbor, Mich.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Note—99p.; Best copy available.
Available from—ERIC Clearinghouse on Counseling and Personnel Services, 2108 School of Education, University of Michigan, Ann Arbor, MI 48109 ($2.50)
Pub Type— Information Analyses - ERIC Information Analysis Products (071) — Reference Materials - Bibliographies (131)
EDRS Price - MF01/PC04 Plus Postage.
Descriptors—*Accountability, Annotated Bibliographies, *Educational Accountability, *Guidance, *Models, *Program Evaluation, Pupil Personnel Services, Research Reviews (Publications), Resource Materials, State of the Art Reviews, Student Personnel Services
This continuing ERIC/CAPS series, entitled Searchlight Plus, consists of two components: first, an in-depth review of cited materials, including prime issues and trends, and implications for helping professionals; and second, citations from an ERIC computer search on the topic. Series topics are selected in response to user requests. Presented in the review section are several existing program evaluation models, specific evaluation strategies, and applications of the models. Counselors, administrators, teachers and program evaluators could profit from this document. (Author/BMW)

ED 181 392 CG 014 176
Pritchett, Beverly
Tests and Testing Programs. Searchlight 14+: An Information Analysis Paper, November 1966 through December 1978.
ERIC Clearinghouse on Counseling and Personnel Services, Ann Arbor, Mich.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Note—119p.; Not available in paper copy due to marginal legibility of original document.
Available from—ERIC Clearinghouse on Counseling and Personnel Services, 2108 School of Education, University of Michigan, Ann Arbor, MI 48109 ($2.50)
Pub Type— Information Analyses - ERIC Information Analysis Products (071) — Reference Materials - Bibliographies (131)
EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.
Descriptors—Annotated Bibliographies, *Educational Testing, *Evaluation Methods, *Guidance, Research Reviews (Publications), State of the Art Reviews, *Testing Programs, *Tests
This continuing ERIC/CAPS series, entitled Searchlight Plus, consists of two components: first, an in-depth review of cited materials, including prime issues and trends, and implications for helping professionals; and, second, citations from an ERIC computer search on the topic. Series topics are selected in response to user requests. Presented in the review section are ways in which tests are used; and testing issues, biases, validity and interpretation. (Author/BMW)

ED 181 393 CG 014 177
Paris, Candace
The Counselor as Change Agent. Searchlight 30+: An Information Analysis Paper, November 1966 through December 1978.
ERIC Clearinghouse on Counseling and Personnel Services, Ann Arbor, Mich.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Note—82p.; Best copy available.
Available from—ERIC Clearinghouse on Counseling and Personnel Services, 2108 School of Education, University of Michigan, Ann Arbor, MI 48109 ($2.50)
Pub Type— Information Analyses - ERIC Information Analysis Products (071) — Reference Materials - Bibliographies (131)
EDRS Price - MF01/PC04 Plus Postage.
Descriptors—Annotated Bibliographies, *Change Agents, *Counseling Effectiveness, *Counselor Role, *Counselors, Research Reviews (Publications), Resource Materials, State of the Art Reviews
This continuing ERIC/CAPS series, entitled Searchlight Plus, consists of two components: first, an in-depth review of cited materials, including prime issues and trends, and implications for helping professionals; and, second, citations from an ERIC computer search on the topic. Series topics are selected in response to user requests. Presented in the review section are change strategies, change agentry and the role of the counselor in both. (Author/BMW)

ED 181 394 CG 014 178
Zawada, Mary Ann
Counseling the Aging. Searchlight 11+: An Information Analysis Paper, November 1966 through December 1978.
ERIC Clearinghouse on Counseling and Personnel Services, Ann Arbor, Mich.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Note—87p.; Best copy available.
Available from—ERIC Clearinghouse on Counseling and Personnel Services, 2108 School of Education, University of Michigan, Ann Arbor, MI 48109 ($2.50)
Pub Type— Information Analyses - ERIC Information Analysis Products (071) — Reference Materials - Bibliographies (131)
EDRS Price - MF01/PC04 Plus Postage.
Descriptors—Annotated Bibliographies, *Counselor Role, *Gerontology, Health, Needs, *Older Adults, Research Reviews (Publications), Resource Materials, State of the Art Reviews
Identifiers—*Aging
This continuing ERIC/CAPS series, entitled Searchlight Plus, consists of two components: first, an in-depth review of cited materials, including prime issues and trends, and implications for helping professionals; and, second, citations from an ERIC computer search on the topic. Series topics are selected in response to user requests. Presented in the review section are counseling styles with respect to the aged, age bias, health problems, and the need for continuing education and training of the aged to help them maintain their dignity and independence. (Author/CKJ)

ED 181 395 CG 014 179
Benjamin, Libby
The Counselor as Consultant. Searchlight 42+: An Information Analysis Paper, November 1966 through December 1978.
ERIC Clearinghouse on Counseling and Personnel Services, Ann Arbor, Mich.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Note—107p.; Best copy available.
Available from—ERIC Clearinghouse on Counseling and Personnel Services, 2108 School of Education, University of Michigan, Ann Arbor, MI 48109 ($2.50)
Pub Type— Information Analyses - ERIC Information Analysis Products (071) — Reference Materials - Bibliographies (131)
EDRS Price - MF01/PC05 Plus Postage.
Descriptors—Annotated Bibliographies, *Consultants, Consultation Programs, *Counseling Effectiveness, *Counselor Role, *Counselors, *Occupational Guidance, Research Reviews (Publications), Resource Materials, State of the Art Reviews
This continuing ERIC/CAPS series, entitled Searchlight Plus, consists on two components: first, an in-depth review of cited materials, including prime issues and trends, and implications for helping professionals; and, second, citations from an ERIC computer search on the topic. Series topics are selected in response to user requests. The review section focusses on the role of the counselor as consultant, and offers models, techniques and research in the area of consultation. (Author/BMW)

ED 181 396 CG 014 180
Walz, Garry R. Benjamin, Libby
Counseling Adults for Life Transitions.
ERIC Clearinghouse on Counseling and Personnel Services, Ann Arbor, Mich.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—80
Contract—400-78-0005
Note—38p.
Available from—ERIC Clearinghouse on Counseling and Personnel Services, 2108 School of Education, University of Michigan, Ann Arbor, MI 48109 ($5.00)
Pub Type— Information Analyses - ERIC Information Analysis Products (071) — Guides - General (050)
EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.
Descriptors—Adult Characteristics, *Adult Counseling, *Adult Development, *Counselor Training, Guidance Personnel, *Professional Development, Resource Materials, Skill Develop-

ment, State of the Art Reviews

Adult counseling is assuming increasing importance in counselor education and training. Most important is the developmental aspect of growth all through life, since adulthood is not a static period but can be as fraught with conflict and choice as childhood or adolescence. Outlines describe some important differences between young people and adults, various psychological and educational adult problems and several necessary adult coping factors. Issues and trends in adult counseling are presented, along with some predictions for the future of adult counseling. A reference section is included for further in-depth study and review. (Author/BMW)

ED 181 397 CG 014 181

Benjamin, Libby Walz, Garry R.

Counseling Exceptional People.

ERIC Clearinghouse on Counseling and Personnel Services, Ann Arbor, Mich.

Spons Agency—National Inst of Education (DHEW), Washington, D.C.

Pub Date—80

Contract—400-78-0005

Note—263p.

Available from—ERIC Clearinghouse on Counseling and Personnel Services, 2108 School of Education, University of Michigan, Ann Arbor, MI 48109 ($8.50)

Pub Type— Information Analyses - ERIC Information Analysis Products (071) — Guides - General (050)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—*Counseling, *Exceptional Child Services, *Exceptional Persons, *Handicapped, Rehabilitation, *Special Counselors, *Special Education, Special Services, Therapy

This guide offers counselors and special education and classroom teachers assistance in counseling handicapped children. Major articles focus on counseling children who are mentally retarded, emotionally, visually and hearing impaired, learning disabled, and gifted. Additional information is provided on: (1) sexual fulfillment for the handicapped; (2) prescriptive interventions for exceptional children; and (3) a model of consultation for exceptional children and youth. (BMW)

ED 181 398 CG 014 183

Zawada, Mary Ann Walz, Garry R.

Counseling Adults. Searchlight 41+: An Information Analysis Paper, November 1966 through December 1978.

ERIC Clearinghouse on Counseling and Personnel Services, Ann Arbor, Mich.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—Dec 79

Note—150p.

Available from—ERIC Clearinghouse on Counseling and Personnel Services, 2108 School of Education, University of Michigan, Ann Arbor, MI 48109 ($2.50)

Pub Type— Information Analyses - ERIC Information Analysis Products (071) — Reference Materials - Bibliographies (131) — Guides - General (050)

EDRS Price - MF01/PC06 Plus Postage.

Descriptors—*Adult Counseling, *Adults, *Counseling, *Counselors, *Counselor Training, Information Sources, Research Reviews (Publications), Resource Materials, State of the Art Reviews

This continuing ERIC/CAPS series, entitled Searchlight Plus, consists of two components: first, an in-depth review of cited materials, including prime issues and trends, and implications for helping professionals; and, second, citations from an ERIC computer search on the topic. Series topics are selected in response to user requests. Presented in the review section are types of adult counseling approaches, model programs and projects, educational resources and implications for counselor education. (Author/BMW)

CS

ED 168 025 CS 204 727

Anastasiow, Nicholas

Oral Language: Expression of Thought. Updated Edition.

ERIC Clearinghouse on Reading and Communication Skills, Urbana, Ill.; International Reading Association, Newark, Del.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—79

Contract—400-75-0029

Note—40p.

Available from—International Reading Association, 800 Barkdale Road, Newark, Delaware 19711 (Order No. 840, $1.00 member, $1.50 non-member)

Pub Type— Books (010) — Information Analyses (070)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Black Dialects, Cognitive Development, Early Childhood Education, Economically Disadvantaged, Elementary Education, Emotional Development, Informal Assessment, *Language Development, Learning Processes, Literature Reviews, Motor Development, *Nonstandard Dialects, *Reading Readiness, *Teaching Techniques, *Thought Processes

Identifiers—Information Analysis Product, *Oral Language

The purpose of this publication is to explain how a child learns and how language development is related to motor, emotional, and cognitive development. Following a brief introductory chapter, it presents a chapter on how a child learns, divided into the following categories: motor development; emotional development; language development; the rhythmic and motoric basis of learning; and oral language development, reading readiness, and black or poverty English. The third chapter, which outlines teaching techniques designed to develop oral language in preparation for reading, is divided into sections on specific assessment techniques and suggestions for developmental instruction. (GT)

ED 169 478 CS 004 728

Page, William D. Pinnell, Gay Su

Teaching Reading Comprehension: Theory and Practice.

ERIC Clearinghouse on Reading and Communication Skills, Urbana, Ill.; National Council of Teachers of English, Urbana, Ill.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—Mar 79

Contract—400-75-0029

Note—135p.

Available from—National Council of Teachers of English, 1111 Kenyon Road, Urbana, Illinois 61801 (Stock No. 51906, $6.00 member, $6.75 non-member)

Pub Type— Books (010) — Information Analyses (070) — Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC06 Plus Postage.

Descriptors—Class Procedure, Elementary Education, Intermediate Grades, Language Development, Language Experience Approach, Language Research, *Language Usage, *Learning Activities, Learning Theories, Literature Reviews, Observation, *Reading Comprehension, Reading Diagnosis, Reading Habits, *Reading Instruction, Reading Material Selection, *Reading Research, *Teaching Methods

Based on the premise that comprehension must be the true and final goal of all instruction in reading, this book is designed to provoke teachers' reflections about their own ideas, reading, language, and experiences as teachers of reading comprehension and to help them base their teaching decisions on a knowledge of theory and research about how people learn to read. The first section, "Theory," is comprised of three chapters, of which the first two synthesize research on language use and on language and reading, and the third presents the theories behind conventional approaches to reading instruction. The second section, "Practice," contains four chapters, which deal with exploring language uses, developing purposes for reading, assessing reading for meaning, and planning for student learning. These chapters describe activities that are consistent with the application of language experience to the development of reading comprehension. In addition to suggesting teaching strategies, they provide guidelines for observational and data gathering activities that teachers can use in their classrooms. (GT)

ED 169 537 CS 204 762

Lundsteen, Sara W.

Listening: Its Impact at All Levels on Reading and the Other Language Arts. Revised Edition.

ERIC Clearinghouse on Reading and Communication Skills, Urbana, Ill.; National Council of Teachers of English, Urbana, Ill.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—79

Contract—400-75-0029

Note—179p.; Figure 17 may not reproduce well due to small type

Available from—National Council of Teachers of English, 1111 Kenyon Road, Urbana, Illinois 61801 (Stock No. 29498, $5.25 member, $6.00 non-member)

Pub Type— Guides - Classroom - Teacher (052) — Information Analyses (070) — Books (010)

EDRS Price - MF01/PC08 Plus Postage.

Descriptors—Elementary Education, Instructional Materials, *Language Arts, Language Research, *Listening, Listening Comprehension, *Listening Skills, *Reading Instruction, *Teaching Techniques, Testing

Identifiers—Information Analysis Products

In an integration of listening research with other areas of language arts, this monograph presents a framework for understanding listening skills and outlines classroom activities that are based on scientific data. Stressing the priority and value of listening instruction, the introduction discusses the need for more attention to listening and calls for greater systemization in instruction. The first chapter suggests two approaches to a definition of listening, while the second chapter defines the term according to the operations of a proficient listener. Chapter three deals with listening comprehension as it relates to instructional objectives and teacher needs. The final two chapters examine criticisms and rationales applicable to both formal and informal listening tests and set standards to assist teachers in reaching specific objectives. The appendixes contain lists of commercially published listening materials and classroom listening materials intended to supplement those presented in the text. (MAI)

ED 170 805 CS 502 509

Henderson, Bill

ERIC First Analysis: 1979-80 National High School Debate Resolutions (What Should Be the Future Direction of the Foreign Policy of the United States?).

ERIC Clearinghouse on Reading and Communication Skills, Urbana, Ill.; Speech Communication Association, Falls Church, Va.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—79

Contract—400-75-0029

Note—94p.; A number of tables may be marginally legible due to small type

Available from—Speech Communication Association, 5205 Leesburg Pike, Falls Church, Virginia 22041 ($2.25 member, $2.50 non-member)

Pub Type— Guides - General (050)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—*Debate, *Foreign Policy, Guidelines, *Persuasive Discourse, Political Issues, Public Speaking, *Research Tools, Secondary Education, Speech Communication

Identifiers—Information Analysis Products, *National High School Debate Resolutions (1979 80)

Intended as a resource for students in their study of the issues and arguments pertinent to the 1979-80 National High School Debate Resolution, "What should be the future direction of the foreign policy of the United States?," this publication is organized into five units. The units are: definitions, including the problem area and the three debate resolutions; the first resolution, trade; the second resolution, arms; the third resolution, aid; and potential solutions. An extensive bibliography is appended. (FL)

ED 170 827 CS 502 544
Wolvin, Andrew D. Coakley, Carolyn Gwynn
Listening Instruction.
ERIC Clearinghouse on Reading and Communication Skills, Urbana, Ill.; Speech Communication Association, Falls Church, Va.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Contract—400-75-0029
Note—48p.; Theory & Research Into Practice Series; Several pages may not reproduce well due to light type
Available from—Speech Communication Association, 5205 Leesburg Pike, Falls Church, Virginia 22041 ($2.25 member, $2.50 non-member)
Pub Type— Books (010) — Opinion Papers (120) — Guides - Classroom - Teacher (052)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—Auditory Discrimination, *Communication (Thought Transfer), Higher Education, *Learning Activities, *Listening, Listening Comprehension, *Listening Skills, Nonverbal Communication, Secondary Education, Skill Development, *Speech Communication, Teaching Guides, *Teaching Techniques
Identifiers—Information Analysis Products
Designed to aid high school and college teachers in teaching the fundamentals of listening, this booklet includes sections on theory and on practice. The section on theory discusses the listening process and its importance, examines five purposes for listening (appreciative, discriminative, comprehensive, therapeutic, and critical), and tells how teachers can help students to improve their listening skills. The section on practice describes 38 exercises keyed to specific topics discussed in the first section. The exercises are designed to increase students' skills in such areas as listening for different purposes, concentrating on what is said, interpreting feedback, appreciating oral literature, giving and following directions, and applying nondirective listening in interpersonal communication. (GT)

ED 172 285 CS 502 543
Freimuth, Vicki S. Jamieson, Kathleen
Communicating with the Elderly: Shattering Stereotypes.
ERIC Clearinghouse on Reading and Communication Skills, Urbana, Ill.; Speech Communication Association, Falls Church, Va.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Contract—400-75-0029
Note—43p.; Theory & Research Into Practice Series
Available from—Speech Communication Association, 5205 Leesburg Pike, Falls Church, Virginia 22041 ($2.50 non-member, $2.25 member)
Pub Type— Collected Works - Serials (022) — Guides - Classroom - Teacher (052) — Opinion Papers (120)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—Bias, Communication (Thought Transfer), *Communication Problems, *Discriminatory Attitudes (Social), *Educational Gerontology, Elementary Secondary Education, Gerontology, Instructional Programs, *Learning Activities, Mass Media, *Older Adults, Senior Citizens, *Stereotypes, Teaching Techniques, Television
Identifiers—Information Analysis Products
Designed to present communications problems faced by the elderly and to assist classroom teachers to develop activities for dealing with them, this booklet begins by examining stereotypes of older persons which minimize and distort communication with them. It outlines common misconceptions about the elderly, centering on their state of mind, health, capacity for work, interest in life and sexual activity, and financial condition, and it notes that despite television's capacity to serve a number of functions for the elderly, it reinforces such stereotypes in advertising and programing. The second part of the booklet provides exercises for use in a unit on communication and the elderly, designed to restructure patterns of communication that manifest or reinforce negative stereotypes about older persons and the aging process. Exercises are grouped in the following four sections: diagnosing attitudes toward the elderly; examining the various media (television, magazines, and children's books) for positive and negative stereotypes toward the aging; encouraging empathy with the elderly regarding their communication difficulties; and encouraging intergenerational communication. A list of classroom film, musical, and literary resources is included. (DF)

ED 176 352 CS 205 197
Winkeljohann, Rosemary, Ed.
Recommended English Language Arts Curriculum Guides K-12 and Criteria for Planning and Evaluation.
ERIC Clearinghouse on Reading and Communication Skills, Urbana, Ill.; National Council of Teachers of English, Urbana, Ill.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Contract—400-75-0029
Note—31p.
Available from—National Council of Teachers of English, 1111 Kenyon Road, Urbana, Illinois 61801 (Stock No. 39515, $1.25 non-member, $0.75 member)
Pub Type— Guides - General (050) — Reference Materials - Bibliographies (131)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—*Curriculum Guides, *Curriculum Planning, Elementary Secondary Education, *English Curriculum, *English Instruction, *Evaluation Criteria, *Language Arts, Standards
The first half of this booklet presents an annotated list of recommended curriculum guides representing a variety of sample frameworks, units, and lesson plans intended for reference use by schools and agencies who are in the process of curriculum development. Grouped according to the year in which the guides were recommended (1979, 1978, 1977), each annotation provides the following information: the grade levels involved; a description of the content, aims, and objectives; and information on obtaining the guide. The second half of the booklet contains a revised statement of criteria for planning and evaluation of English language arts curriculum guides. The evaluation instrument presented in the booklet was designed to apply to many different content emphases within the field of English language studies, as well as to the learning process, organization, methodology, and language versatility. Criteria are organized under the headings of philosophy, policies and procedures, objectives, organization, process or content, language, composition, media, reading and literature, evaluation, and design. (AEA)

ED 180 000 CS 205 379
Trager, Robert Dickerson, Donna L.
College Student Press Law. Second Edition.
ERIC Clearinghouse on Reading and Communication Skills, Urbana, Ill.; National Council of Coll. Publications Advisers, Terre Haute, Ind.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Contract—400-75-0029
Note—106p.
Available from—NCCPA Publications, School of Journalism, Lasher Hall, Ohio University, Athens, OH 45701 ($5.00 postpaid)
Pub Type— Books (010) — Guides - Non-Classroom (055) - Information Analyses (070)
EDRS Price - MF01/PC05 Plus Postage.
Descriptors—Administrator Role, *Censorship, *Court Litigation, Faculty Advisors, Freedom of Speech, Higher Education, Journalism, *Legal Problems, School Newspapers, *Student College Relationship, *Student Publications, Student Responsibility, *Student Rights, Teacher Role
Identifiers—Information Analysis Products
This second edition of a monograph provides updated information on court decisions concerning college student publications and underground newspapers to acquaint advisers, administrators, and students with college student press law. Chapters of the monograph examine freedom of speech on the college campus; the relationship between colleges and student publications; permissible control by administrators; administrators as censors; the conflicting roles of publications advisers; a publication's responsibilities in the areas of libel, privacy, and obscenity; advertising; and additional matters of concern, such as contempt, copyright, endorsements, and broadcasting. An explanation of legal citations, a bibliography, and a list of court cases are included. (RL)

EA

ED 163 620 EA 011 100
The Best of the Best of ERIC. Volume 2.
Oregon Univ., Eugene. ERIC Clearinghouse on Educational Management.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Contract—400-78-0007
Note—123p.; For individual chapters of this document, see EA 011 101-120; For a related document, see ED 136 325
Available from—ERIC Clearinghouse on Educational Management, University of Oregon, Eugene, Oregon 97403 ($6.50 prepaid)
Pub Type— Reference Materials - Bibliographies (131)
EDRS Price - MF01/PC05 Plus Postage.
Descriptors—Advisory Committees, Alternative Schools, *Annotated Bibliographies, Basic Skills, Communication Skills, Community Schools, Declining Enrollment, Discipline, Drug Education, *Educational Administration, Elementary Secondary Education, Literature Reviews, Organizational Climate, Parent School Relationship, Performance Based Education, Public Relations, Reduction in Force, School Budget Elections, Staff Improvement, Suspension, Teacher Evaluation, Team Administration, Volunteers
Identifiers—Back to Basics, Leadership Effectiveness, Parent Evaluation of Schools
Intended for use as a reference volume by elementary and secondary school administrators, this annotated bibliography is divided into 20 chapters, each containing summaries of from 11 to 18 documents and journal articles (indexed in ERIC) on a topic of current interest to school administrators. The materials annotated were selected to give the reader a good idea of the major issues and proposed solutions in each of the 20 areas. (PKP)

ED 166 770 EA 011 181
Teacher Supervision. The Best of ERIC, Number 42.
Oregon Univ., Eugene. ERIC Clearinghouse on Educational Management.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Jan 79
Contract—400-78-0007
Note—5p.
Available from—ERIC Clearinghouse on Educational Management, University of Oregon, Eugene, Oregon 97403 (free)
Pub Type— Collected Works - Serials (022) — Reference Materials - Bibliographies (131)
EDRS Price - MF01/PC01 Plus Postage.
Descriptors—Annotated Bibliographies, Beginning Teachers, Elementary Secondary Education, Literature Reviews, *Student Teachers, *Teacher Supervision
Identifiers—ERIC, Information Analysis Products
Twelve annotations based on recent entries in the ERIC system concern supervision of teachers. Research studies cited deal with supervision of first-year teachers and student teachers, communications between supervisors and teachers and between supervisors and the community, and a history of developments in the field. Also included are suggestions for achieving better quality control, reducing teacher anxiety, using videotape techniques, and facilitating learning through effective supervision. (Author/LD)

ED 166 771 EA 011 240
Student Retention vs. Social Promotion. The Best of ERIC, Number 43.
Oregon Univ., Eugene. ERIC Clearinghouse on Educational Management.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Feb 79
Contract—400-78-0007
Note—5p.
Available from—ERIC Clearinghouse on Educational Management, University of Oregon, Eugene, Oregon 97403 (free)
Pub Type— Reference Materials - Bibliographies (131) — Collected Works - Serials (022)
EDRS Price - MF01/PC01 Plus Postage.
Descriptors—Academic Failure, Annotated Bibliographies, *Educational Research, Elementary Secondary Education, *Grade Repetition, *Literature Reviews, Low Achievers, Performance

Based Education, Self Concept, State of the Art Reviews, *Student Promotion

Ten annotations of literature in the ERIC system that discuss the pros and cons of grade retention for low-achieving students are presented in this booklet. (Author/MLF)

ED 168 128 EA 011 400

Merit Pay Programs. The Best of ERIC, Number 44.

Oregon Univ., Eugene. ERIC Clearinghouse on Educational Management.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—Mar 79

Contract—400-78-0007

Note—5p.

Available from—ERIC Clearinghouse on Educational Management, University of Oregon, Eugene, Oregon 97403 (free)

Pub Type— Reference Materials - Bibliographies (131) — Information Analyses (070)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Administrative Personnel, Annotated Bibliographies, Elementary Secondary Education, Literature Reviews, *Merit Pay, Merit Rating Programs, Program Descriptions, Teacher Salaries

Identifiers—Information Analysis Products

The 13 documents and journal articles annotated in this document discuss and describe merit pay programs for teachers and for administrators. (IRT)

ED 169 612 EA 011 440

Student Activities Programs. The Best of ERIC, Number 45.

Oregon Univ., Eugene. ERIC Clearinghouse on Educational Management.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—Apr 79

Contract—400-78-0007

Note—5p.; Parts may not reproduce clearly due to colored background

Available from—ERIC Clearinghouse on Educational Management, University of Oregon, Eugene, Oregon 97403 (Free)

Pub Type— Information Analyses (070) — Reference Materials - Directories/Catalogs (132)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Administrator Role, Annotated Bibliographies, *Cocurricular Activities, Elementary Secondary Education, Group Dynamics, Intramural Athletic Programs, Literature Reviews, Principals, *Program Administration, Program Development, Student Government

Identifiers—Information Analysis Products

This bibliography contains twelve annotations from the ERIC system that focus on practical aspects of student activities programs. Publications cited deal with planning, organizing, evaluating, and funding of such programs. The principal's function is highlighted. One publication presents findings of a national survey concerning student activities programs, while another presents a 450-item bibliography on the topic. Some entries discuss particular programs such as intramural sports, student councils, or student leadership classes, while others focus on general aspects such as group dynamics. (JM)

ED 172 308 EA 011 241

Piele, Philip K. Smith, Stuart C.

Directory of Organizations and Personnel in Educational Management. Sixth Edition.

Oregon Univ., Eugene. ERIC Clearinghouse on Educational Management.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—79

Contract—400-78-0007

Note—80p.

Available from—ERIC Clearinghouse on Educational Management, University of Oregon, Eugene, Oregon 97403 ($5.95)

Pub Type— Reference Materials - Directories/Catalogs (132)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—Consultants, *Directories, Educational Administration, *Educational Researchers, Elementary Secondary Education, Management, Organizations (Groups), Professional Associations, *Research and Development Centers, Research Coordinating Units

As in past editions, "educational management" is defined to include all aspects of the leadership, administration, and structure of public and private educational organizations and the provision of facilities for their operation. This is the first edition, however, in which the directory's scope has been limited to elementary and secondary education. Also eliminated from this edition is research on administration of career education and health education. Despite a narrowing of the directory's scope, the number of organizations and researchers listed marks a slight increase over the previous edition. Organizations increased to 162, researchers to 520. The organization listing is designed to guide users to sources of information. For this reason, each organization's policy for supplying information or publications is indicated. The directory includes both organizations engaged in research and development and those providing services such as disseminating information, providing consultation, promoting exchange of ideas, and conducting workshops. The personnel section is meant to facilitate communication among researchers who can use the listing to locate others doing similar or related research. Only individuals conducting pure or applied research on topics in educational management or engaged in documentation efforts are included. (Author/IRT)

ED 172 319 EA 011 620

School Closing. The Best of ERIC Clearinghouse on Educational Management, Number 46.

Oregon Univ., Eugene. ERIC Clearinghouse on Educational Management.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—May 79

Contract—400-78-0007

Note—5p.

Available from—ERIC Clearinghouse on Educational Management, University of Oregon, Eugene, Oregon 97403 (free)

Pub Type— Reference Materials - Bibliographies (131) — Information Analyses (070)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Annotated Bibliographies, *Building Conversion, *Cost Effectiveness, Declining Enrollment, Elementary Secondary Education, Facility Utilization Research, Literature Reviews, *Planning, *School Closing, *School Community Relationship, Shared Facilities

The closing of a school is a difficult step for everyone involved. In this review, 11 entries in the ERIC system about school closing are summarized. Included are suggestions for administrators to involve the community in the decision-making, and alternative uses of school buildings. Case studies are included that highlight how school districts have handled the school closing problem. (MLF)

ED 172 367 EA 011 779

Teacher Evaluation. Research Action Brief Number 4.

Oregon Univ., Eugene. ERIC Clearinghouse on Educational Management.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—Jul 79

Note—5p.

Available from—ERIC Clearinghouse on Educational Management, University of Oregon, Eugene, Oregon 97403 (free)

Pub Type— Information Analyses (070)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Effective Teaching, Elementary Secondary Education, Learning Characteristics, Research Methodology, Research Problems, *Teacher Evaluation, Teaching Methods

Identifiers—*Beginning Teacher Evaluation Study, Information Analysis Products

Research into teacher evaluation techniques has not provided conclusive answers due to a number of research problems, including the subjectivity of traditional teacher observation techniques and the lack of sensitivity of newer, more objective techniques. A five-year research project in California, the Beginning Teacher Evaluation Study (BTES), tried to avoid these problems through the use of nonstandardized testing, teacher questionnaires and interviews, and multiple objective behavioral observations of interaction between students and teachers. A wide range of classrooms and schools were sampled to allow for socioeconomic differences. The researchers found that students learned best when spending sufficient time deeply engaged in a task with a high success rate. Teachers were most effective at creating such learning situations when they did a good job of diagnosing student needs, prescribing appropriate tasks, structuring presentation of the tasks, monitoring student progress, and providing adequate feedback. While BTES, despite its name, never directly addresses itself to teacher evaluation, its findings imply answers to the questions of what to measure when evaluating teachers and how to measure it. The study also points the way to future definitive research of a more immediately practical nature. (Author/PGD)

ED 173 889 EA 011 439

Lindelow, John

Educational Vouchers. School Management Digest Series 1, No. 17.

Oregon Univ., Eugene. ERIC Clearinghouse on Educational Management.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—79

Note—63p.

Available from—Association of California School Administrators, 1575 Old Bayshore Highway, Burlingame, California 94010

Pub Type— Information Analyses (070) — Reports - Descriptive (141) — Reports - Evaluative (142)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Educational Alternatives, *Education Vouchers, Elementary Secondary Education, Literature Reviews, Models, Parochial School Aid, Program Descriptions, Program Development, School Segregation, State Church Separation, Student Costs

Identifiers—California (Alum Rock)

This review of research and other literature on educational vouchers provides an overview and history of the voucher concept and voucher programs. The author first looks at several existing versions of the voucher idea, such as the G.I. Bill and Denmark's free schools. California's Alum Rock voucher experiment is evaluated, with suggestions about the obstacles preventing the program from becoming a real voucher system. Comments from an interview with voucher expert Christopher Jencks elucidate the report. Emphasizing that voucher models differ in more ways than they agree, the author explains and compares six proposed voucher program models. Particular attention is given to the "Family Choice" model that proponents hope to see on the June 1980 California Ballot. Included are quotes from a telephone interview from John Coons, father of the model. Issues discussed include the question of whether a voucher system would violate the separation of church and state, promote segregation, raise the cost of education, or encourage unethical speculators to open schools. The author concludes that the voucher concept is still vigorous and has not yet had a fair trial. (Author/JM)

ED 173 898 EA 011 780

Classroom Discipline. Research Action Brief Number 5.

Oregon Univ., Eugene. ERIC Clearinghouse on Educational Management.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—Aug 79

Contract—400-78-0007

Note—5p.

Available from—ERIC Clearinghouse on Educational Management, University of Oregon, Eugene, Oregon 97403 (free)

Pub Type— Information Analyses (070)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Behavior Change, Behavior Problems, Change Strategies, *Class Management, Discipline, Discipline Problems, Secondary Education, Secondary School Students

Identifiers—Information Analysis Products

This Research Action Brief describes five studies designed to test techniques for decreasing disruptive student conduct in the secondary school classroom. The two behavior modification studies discussed showed strong positive results. Questions remain, however, concerning the permanence of behavior changes that are dependent on reward systems and concerning the wisdom of associating appropriate behavior with rewards not intrinsic to the behavior itself. The two humanistic studies in class management concentrated on the rapport created between students and teachers. The first involved teaching communication techniques to teachers, while the second revealed that alternative schools suffer from far fewer disciplinary problems than do traditional schools. The fifth study combined elements of both types of approach. A high level of interaction between teacher and student, derived from humanist thinking, was used as the reward in a system derived

from behavior modification. (Author/PGD)

ED 176 362 EA 011 059
Mazzarella, Jo Ann
Leadership Effectiveness. ACSA School Management Digest, Series 1, No. 16. ERIC/CEM Research Analysis Series Number 44.
Association of California School Administrators.; Oregon Univ., Eugene. ERIC Clearinghouse on Educational Management.
Spons Agency--National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Contract—400-78-0007
Note—53p.
Available from—Association of California School Administrators, 1575 Old Bayshore Highway, Burlingame, California 94010 ($3.50; $2.25 for ACSA members)
Pub Type— Information Analyses (070) — Collected Works - Serials (022)
EDRS Price - MF01/PC03 Plus Postage.
Descriptors—Decision Making, Educational Administration, Educational Environment, *Leadership, Leadership Qualities, Leadership Styles, Leadership Training, Literature Reviews, Research Reviews (Publications), Teacher Administrator Relationship, Teacher Participation, Time
Identifiers—Paperwork

Many educational administrators are too overwhelmed by paperwork and too short of time, resources, and training, to be effective leaders. Yet some educators and schools are finding ways to make good leadership easier through improving time management skills, providing assistants, instituting administrative training programs, and cutting paperwork. Most literature on leadership effectiveness centers around one or more of three requirements: an appropriate leadership style, effective decision-making structures, and a healthy educational climate that fosters good relationships with staff, students, and community. An integration of all these factors will produce the most effective leaders. This paper summarizes and analyzes information from many authors in the field and contains thoughts from 17 school and school district administrators who were interviewed concerning good leadership. (Author)

ED 178 998 EA 011 722
Thompson, Sydney
Motivation of Teachers. ACSA School Management Digest, Series 1, Number 18. ERIC/CEM Research Analysis Series, Number 46.
Association of California School Administrators.; Oregon Univ., Eugene. ERIC Clearinghouse on Educational Management.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Contract—400-78-0007
Note—50p.
Available from—Association of California School Administrators, 1575 Old Bayshore Highway, Burlingame, CA 94010 ($3.50; $2.75 for ACSA members)
Pub Type— Information Analyses (070) — Collected Works - Serials (022)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—*Administrator Role, Elementary Secondary Education, *Job Satisfaction, Literature Reviews, *Rewards, *Teacher Motivation, *Theories, *Work Environment
Identifiers—Information Analysis Products

This publication discusses intrinsic teacher motivation by reviewing human resources literature and making use of educational literature and interviews with working educators. First it provides sketches of the work motivation theories of McGregor, Maslow, Herzberg, and Deci. Next, the paper examines the work and problems of teachers. Finally, it offers a review of strategies for enhancing the motivation of teachers, such as praising and providing feedback. The paper concludes that administrators should accept teachers as partners in a collective pursuit. They should seek to ease the frustrations of teaching and encourage teachers' effectiveness and achievement of psychic rewards. (Author/LD)

ED 179 002 EA 011 961
Energy Management. The Best of ERIC on Educational Management, Number 47.
Oregon Univ., Eugene. ERIC Clearinghouse on Educational Management.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Nov 79
Contract—400-78-0007
Note—5p.
Available from—ERIC Clearinghouse on Educational Management, University of Oregon, Eugene, OR 97403 (free)
Pub Type— Reference Materials - Bibliographies (131)
EDRS Price - MF01/PC01 Plus Postage.
Descriptors—Annotated Bibliographies, *Building Design, *Building Improvement, Bus Transportation, Computer Oriented Programs, Conservation Education, Cost Effectiveness, *Energy Conservation, *Fuel Consumption, Operating Expenses, *School Buildings, *School Design, Solar Radiation, Student Transportation

The twelve items in this annotated bibliography on energy use in the schools are entries in the ERIC system. Most of the publications and articles cited highlight techniques for conserving energy in existing school buildings. Some publications center on building energy efficient schools. Other topics touched on include economy in school transportation, energy education, and solar energy. (JM)

ED 180 067 EA 012 205
Reducing Student Absenteeism. The Best of ERIC on Educational Management, Number 48.
Oregon Univ., Eugene. ERIC Clearinghouse on Educational Management.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Dec 79
Contract—400-78-0007
Note—5p.
Available from—ERIC Clearinghouse on Educational Management, University of Oregon, Eugene, OR 97403 (free)
Pub Type— Reference Materials - Bibliographies (131)
EDRS Price - MF01/PC01 Plus Postage.
Descriptors—Academic Achievement, Annotated Bibliographies, *Attendance, Attendance Officers, *Attendance Patterns, Educational Research, Elementary Secondary Education, Program Descriptions, Reinforcement, *School Policy, Surveys, *Truancy

The 12 items in this annotated bibliography on absenteeism are entries in the ERIC system. The publications cited focus on attendance policies and techniques for reducing truancy. The techniques mentioned include alternative individualized programs, punishments (such as lowered grades) for absences, and rewards (such as parties or higher grades) for good attendance. Programs using student aides, counselors, welfare caseworkers, and student "buddies" are explained. Several studies are cited including one that suggested that high school truancy is related to other deviant behaviors. Another found that larger schools in urban areas have the highest absentee rates. (JM)

EC

ED 170 978 EC 114 711
Gadow, Kenneth D.
Children on Medication: A Primer for School Personnel.
Council for Exceptional Children, Reston, Va. Information Services and Publications.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Note—116p.; A Product of the ERIC Clearinghouse on Handicapped and Gifted Children
Available from—The Council for Exceptional Children, Publication Sales Unit, 1920 Association Drive, Reston, Virginia 22091 ($7.50, Publication No. 191)
Pub Type— Guides - Classroom - Teacher (052)
EDRS Price - MF01/PC05 Plus Postage.
Descriptors—*Behavior Change, Drug Education, *Drug Therapy, Epilepsy, *Handicapped Children, Hyperactivity, Mentally Handicapped, School Personnel, *Sedatives, *Stimulants

Intended as a primer for school personnel, the book discusses children whose various disorders require them to be on medication, and describes the behavioral effects of these drugs along with their major side effects. Fundamental concepts in pharmacotherapy are reviewed, including dosage adjustment and side effects, and a brief introduction to the different kinds of drugs is presented. Research investigating the effects of stimulants (Ritalin, Dexedrine, and Cylert) on activity level, perceptual-motor skills, learning performance, behavior problems, and school achievement of hyperactive children is reviewed. Nonstimulant drugs occasionally used in the treatment of hyperactivity are also mentioned, and the Feingold diet and behavior modification are briefly described. The various types of epilepsy are examined, along with the drugs used to treat them. Also covered are febrile seizures, the management of seizures in the classroom, and how antiepileptic drugs can affect classroom performance. The use of major tranquilizers in the treatment of behavior disorders associated with mental retardation is described. Other topics covered include the use of psychotropic drugs in the treatment of enuresis, school phobia, cerebral palsy, and childhood psychosis. Included in the appendixes are a classification of psychotropic drugs, a classification of the epilepsies, and Conners' Abbreviated Teacher Rating Scale. A glossary is also included. (DLS)

ED 170 991 EC 115 092
Johnson, John L.
An Essay on Incarcerated Youth: An Oppressed Group.
Council for Exceptional Children, Reston, Va. Information Center on Exceptional Children.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Contract—400-76-0119
Note—9p.; The paper appeared in a special issue of Exceptional Children on "The Yet to Be Served Children" April 1979
Available from—The Council for Exceptional Children, Information Services and Publications, 1920 Association Drive, Reston, Virginia 22091
Pub Type— Opinion Papers (120)
EDRS Price - MF01/PC01 Plus Postage.
Descriptors—*Access to Education, Bias, *Delinquency, *Educational Disadvantagement, Emotionally Disturbed, *Institutionalized Persons, Needs Assessment, Opinions

The article discusses the provision of educational services to incarcerated youth (all children in institutional settings, but particularly delinquents). Issues examined include the locus of authority for the education of the incarcerated, the need for adequate needs assessment data so that more systematic planning can be done, the need to organize available data into some meaningful picture, and the prejudice and bias that are part of the dynamics of who gets incarcerated. Some future perspectives are also offered. (DLS)

ED 179 032 EC 121 325
Fact Sheets from the ERIC Clearinghouse on Handicapped and Gifted Children: 1977 Series.
Council for Exceptional Children, Reston, Va. Information Center on Exceptional Children.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—77
Note—25p.; For related materials, see EC 121 326-328.
Available from—ERIC Clearinghouse on Handicapped and Gifted Children, Council for Exceptional Children, 1920 Association Drive, Reston, VA 22091 (Any 5 Fact Sheets $1.00).
Pub Type— Reference Materials - Bibliographies (131) — Reference Materials (130)
EDRS Price - MF01/PC01 Plus Postage.
Descriptors—Art Education, Careers, Child Abuse, *Definitions, Due Process, *Educational Diagnosis, Educational Legislation, *Gifted, *Handicapped Children, Identification, Individualized Programs, Mainstreaming, Neglected Children, Outreach Programs, Parent Responsibility, *Special Education, Teacher Role
Identifiers—Educaton for All Handicaped Children Act

A series of 11 fact sheets giving basic information on specific subjects of interest to those working with handicapped and gifted children. The fact sheets, developed by the ERIC (Educational Resources Information Center) Clearinghouse on Handicapped and Gifted Children during fiscal year 1977, are designed in a question/answer format and have re-

source references. Following are the topics of the fact sheets (with sample subtopics in parentheses): nondiscriminatory evaluation (definition, assessment selection); severely handicapped (identification, educational objectives, parent role in service delivery); individualized education program (definition, components, goal determination); procedural safeguards (requirement of Public Law 94-142-Education for All Handicaped Children Act, use of surrogate parents); child find (definition, outreach, evaluation procedures); the arts and the handicapped child (rationale, model programs); parents of handicapped children (parental problems, rights and responsibilities of parents); gifted and talented handicapped (definition, identification); mainstreaming (definition, rationale, effects on regular classroom teacher role); careers in special education (future outlook, related services); and child abuse and neglect (definition, identification, procedures for reporting). (PHR)

ED 179 033 EC 121 326
Fact Sheets from the ERIC Clearinghouse on Handicapped and Gifted Children: 1978 Series.
Council for Exceptional Children, Reston, Va. Information Center on Exceptional Children.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—78
Note—15p.; For related materials, see EC 121 325-328
Available from—ERIC Clearinghouse on Handicapped and Gifted Children, Council for Exceptional Children, 1920 Association Drive, Reston, VA 22091 (Any 5 Fact Sheets $1.00).
Pub Type— Reference Materials - Bibliographies (131) — Reference Materials (130)
EDRS Price - MF01/PC01 Plus Postage.
Descriptors—Civil Rights, *Definitions, Drug Therapy, Educational Legislation, Emotional Adjustment, Equal Education, *Handicapped Children, Mainstreaming, Minimum Competency Testing
A series of six fact sheets giving basic information on specific subjects of interest to those working with handicapped and gifted children. The fact sheets, developed by the ERIC (Educational Resources Information Center) Clearinghouse on Handicapped and Gifted Children during fiscal year 1978, are designed in a question/answer format and have resource references. Following are the topics of the fact sheets (with sample subtopics in parentheses): children on medication (administration of medicine in school, alternatives to drug therapy treatment for hyperactivity and learning disabilities); definition of a handicapped child (including deaf, deaf-blind, hard of hearing, mentally retarded, multiply handicapped, orthopedically impaired, other health impaired, seriously emotionally disturbed, specific learning disability, speech impaired, visually handicapped); least restrictive environment (federal laws, placement considerations); being at ease with handicapped children (focus of concern, how to handle tantrums); competency testing for handicapped children (definition, policy formulation); and rights of the handicapped (laws, protection of rights). (PHR)

ED 179 034 EC 121 327
Fact Sheets from the ERIC Clearinghouse on Handicapped and Gifted Children: 1979 Series.
Council for Exceptional Children, Reston, Va. Information Center on Exceptional Children.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Note—43p.; For related materials, see EC 121 325-328.
Available from—ERIC Clearinghouse on Handicapped and Gifted Children, Council for Exceptional Children, 1920 Association Drive, Reston, VA 22091 (Any 5 Fact Sheets $1.00).
Pub Type— Reference Materials (130) — Reference Materials - Bibliographies (131)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—Alaska Natives, American Indians, Bilingual Education, Career Education, Civil Rights, Confidentiality, *Definitions, Delinquents, *Educational Diagnosis, Educational Legislation, *Gifted, *Handicapped Children, Individualized Programs, Infancy, Intervention, Job Market, Mainstreaming, Minority Groups, Multicultural Education, Parent Responsibility, Privacy, Self Concept, Student Evaluation, Teacher Responsibility, Teacher Role
A series of 20 fact sheets is provided giving basic information on specific subjects of interest to those working with handicapped and gifted children. The fact sheets, developed by the ERIC (Educational Resources Information Center) Clearinghouse on Handicapped and Gifted Children during fiscal year 1979, are designed in question/answer format and have resource references. Following are the topics of the fact sheets: career education, how a parent group can effect legislation for the gifted and talented, the special education job market, federal resources for special education, assessment of minority students, cultural values and motivation, educational rights of American Indian and Alaska native handicapped children, special problems of handicapped minority students, multicultural education and the exceptional child, self identity and the culturally diverse child, affirmative action for the handicapped, reaching handicapped children in their early years, the argument for early intervention, the IEP (individualized educational plan) review, parents' rights and responsibilities, privacy and confidentiality, adjudicated handicapped youth, responsibilities of regular classroom teachers for handicapped students, higher education for handicapped students, and bilingual education for exceptional children. (PHR)

FL

ED 175 243 FL 010 435
Raimes, Ann
Problems and Teaching Strategies in ESL Composition. (If Johnny Has Problems, What about Joan, Jean, and Ywe-Han?) Language in Education: Theory and Practice, No. 14.
ERIC Clearinghouse on Languages and Linguistics, Arlington, Va.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—78
Note—32p.
Available from—Center for Applied Linguistics, 1611 North Kent Street, Arlington, Virginia 22209 ($2.95)
Pub Type— Guides - Classroom - Teacher (052)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—*Composition Skills (Literary), *English (Second Language), English Instruction, Higher Education, *Language Instruction, Language Skills, Secondary Education, Second Language Learning, Second Languages, Skill Development, *Teaching Methods, *Writing, Writing Exercises, *Writing Skills
Identifiers—Information Analysis Products
This paper discusses the similarities and differences between teaching composition to native speakers and to speakers of English as a second language (ESL). The concepts, strategies and conclusions are applicable to learners of any second language. Basically, the point is that the conceptual function of language, that language is self-expression, has to be operative in composition instruction for native and non-native speakers alike. All composition students have to be taught to think originally and logically, to plan, write and rewrite. However, learners of second languages have additional problems to surmount and these have to be considered by teachers of ESL. These problems are considered here under five headings: (1) Sentence Structure and Grammar; (2) Rhetorical Structure and Organization; (3) Reading; (4) Vocabulary, Spelling and Idiom; and (5) What Students Write about and How They Feel about English: Content and Attitude. Each of these sections contains a discussion of the problem and a number of strategies for dealing with it. Bibliographical notes conclude the document. (AMH)

ED 175 244 FL 010 436
Cooper, Stephen
Graduate Theses and Dissertations in English as a Second Language: 1977-78. Language in Education: Theory and Practice, No. 15.
ERIC Clearinghouse on Languages and Linguistics, Arlington, Va.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—78
Note—29p.
Available from—Center for Applied Linguistics, 1611 N. Kent Street, Arlington, Virginia 22209 ($2.95)
Pub Type— Reference Materials - Bibliographies (131)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—Adult Education, Bibliographies, Bilingualism, Contrastive Linguistics, Cultural Education, Curriculum, *Doctoral Theses, *English (Second Language), *Graduate Study, Grammar, Higher Education, Instructional Aids, Instructional Materials, *Language Instruction, *Language Research, Language Tests, Literature, *Masters Theses, Phonology, Psycholinguistics, Reading, Second Language Learning, Second Languages, Sociolinguistics, Teaching Methods, Writing Skills
Identifiers—Information Analysis Products
This is the third annual listing of graduate theses and dissertations in English as a Second Language (ESL). The studies cited here were completed during the academic year 1977-1978. The listing is intended to provide graduate students and others doing research in ESL and related fields with specific, comprehensive data on current graduate-level studies. Information was contributed by program directors, graduate advisers, and department chairmen from among the institutions in the United States and Canada that are known to have graduate programs in ESL. Each of the 90 entries provides the writer's name, thesis or dissertation title, degree earned, university, year degree was granted, name of thesis adviser, department or program, and writer's address. In addition, most entries include summaries of abstracts prepared by the writers. Entries are listed under the following headings: (1) Adult Education, (2) Bilingualism, (3) Contrastive Studies, (4) Culture, (5) Curriculum, (6) Grammar, (7) Literature, (8) Materials and Methods, (9) Phonology, (10) Profession, (11) Psycholinguistics, (12) Reading, (13) Research, (14) Second Dialect, (15) Second Language Learning, (16) Sociolinguistics, (17) Testing, (18) Visual Aids, and (19) Writing. (Author/AMH)

ED 176 587 FL 010 821
Benseler, David P. Schulz, Renate A.
Intensive Foreign Language Courses. Language in Education: Theory and Practice, No. 18.
ERIC Clearinghouse on Languages and Linguistics, Arlington, Va.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Sep 79
Note—60p.
Available from—Center for Applied Linguistics, 1611, N. Kent Street, Arlington, Virginia 22209 ($4.95)
Pub Type— Information Analyses (070) — Reference Materials - Bibliographies (131) — Collected Works - Serials (022)
EDRS Price - MF01/PC03 Plus Postage.
Descriptors—Bibliographies, Course Content, *Course Evaluation, *Course Organization, Credit Courses, *Evaluation Methods, *Intensive Language Courses, *Language Instruction, Language Programs, Personnel Selection, Scheduling, Screening Tests, *Second Language Learning, Student Recruitment
Identifiers—Information Analysis Products
Intensive foreign language courses are discussed in terms of historical background, categorization of types, definition of components of intensive instruction as practiced at present in academic settings, and advantages and special problems of intensive instruction. Practical considerations for the implementation of intensive options cover the following areas: (1) publicizing and recruiting for intensive courses, (2) screening and selection of students, (3) scheduling, (4) staffing and coordination of instruction, (5) granting of academic credit, and (6) testing and evaluation. Approximately half of this document is devoted to a bibliography. (JB)

ED 176 588 FL 010 822
Cates, G. Truett Swaffar, Janet K.
Reading a Second Language. Language in Education: Theory and Practice, No. 20.
ERIC Clearinghouse on Languages and Linguistics, Arlington, Va.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Sep 79
Note—38p.
Available from—Center for Applied Linguistics, 1611 N. Kent Street, Arlington, Virginia 22209 ($2.95)
Pub Type— Information Analyses (070) — Guides - Classroom - Teacher (052) — Collected Works - Serials (022)

EDRS Price - MF01/PC02 Plus Postage.
Descriptors—Cognitive Processes, English (Second Language), Grammar, *Language Instruction, Learning Activities, Learning Processes, Lexicology, *Reading Comprehension, Reading Instruction, Reading Processes, *Reading Skills, *Second Language Learning, Syntax
Identifiers—Information Analysis Products, *Orientational Reference
This introduction to the pedagogy of reading comprehension in a second language focuses on learning strategies appropriate to achieving reading competence. Lexical strategies can be fostered by tolerating local errors and encouraging practice in the identification of specific features such as tense, part of speech, and cognation. Tasks that require the student to use inferential reasoning or evaluative judgments develop comprehension of meaning. Attention to the global features of the grammar facilitates the recognition of word and phrase relationships within substantial structures. The role of orientational reference (deixis) as a feature of texts is discussed, the multiple use of texts (for differing tasks such as skimming and critical reading) is encouraged, and suggestions are offered regarding text selection. A bibliography is appended. (JB)

ED 176 589 FL 010 823
Jarvis, Gilbert A. Adams, Shirley J.
Evaluating a Second Language Program. Language in Education: Theory and Practice, No. 19.
ERIC Clearinghouse on Languages and Linguistics, Arlington, Va.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Sep 79
Note—44p.
Available from—Center for Applied Linguistics, 1611 N. Kent Street, Arlington, Virginia 22209 ($2.95)
Pub Type— Information Analyses (070) — Collected Works - Serials (022)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—Classroom Observation Techniques, Data Analysis, Data Collection, *Educational Objectives, *Evaluation Methods, Guidelines, Instructional Materials, Language Instruction, *Language Programs, Language Tests, Measurement Instruments, *Program Evaluation, *Second Language Learning, Student Behavior, *Student Evaluation, Teacher Behavior
Identifiers—Information Analysis Products
This introduction to second language program evaluation begins with a rationale outlining the major issues involved in program evaluation. Procedures for evaluation are described, and examples are offered of goal statements, sub-goal statements, curriculum objectives, and learning objectives. Guidelines for judging a statement of aims are listed. Procedures are set forth for selecting measurement instruments (including discussion of several specific instruments), and for collecting and analyzing data. Evaluation of classroom behavior and of instructional materials is outlined under the headings of student population, program scope, administrative considerations, methodology/classroom activities, teacher/student behavior, testing, materials, and facilities. Suggestions are offered for writing evaluation reports. Appendix A describes principal evaluation models, and Appendix B discusses two specific observation instruments. (JB)

ED 176 590 FL 010 824
Bartz, Walter H.
Testing Oral Communication in the Foreign Language Classroom. Language in Education: Theory and Practice, No. 17.
ERIC Clearinghouse on Languages and Linguistics, Arlington, Va.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Sep 79
Note—32p.
Available from—Center for Applied Linguistics, 1611 N. Kent Street, Arlington, Virginia 22209 ($2.95)
Pub Type— Information Analyses (070) — Guides - Classroom - Teacher (052) — Collected Works - Serials (022)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—Achievement Rating, *Communicative Competence (Languages), Language Instruction, *Language Tests, *Rating Scales, Scoring, *Second Language Learning, *Speech Communication, *Test Construction, Test Validity
Identifiers—Information Analysis Products, *Oral Tests
The construction of tests of oral competence in a foreign language requires consideration of several factors. The face validity of the test, or the degree to which students feel they are performing a real communicative act, is illustrated with a number of model testing situations. Content validity, or the ability of a test to measure what has been learned by students, is demonstrated by sample tests at the beginning and intermediate levels. Criteria for scoring tests are illustrated with further examples from description and listening tests. Finally, rating scales are discussed with a variety of examples. A brief bibliography is appended. (JB)

ED 176 591 FL 010 825
Metcalf, Allan A.
Chicano English. Language in Education: Theory and Practice, No. 21.
ERIC Clearinghouse on Languages and Linguistics, Arlington, Va.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Sep 79
Note—38p.
Available from—Center for Applied Linguistics, 1611 N. Kent Street, Arlington, Virginia 22209 ($2.95)
Pub Type— Information Analyses (070) — Collected Works - Serials (022)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—Bilingual Education, Dialect Studies, English, Intonation, Language Research, *Language Variation, *Mexican Americans, *Pronunciation, *Regional Dialects, *Spanish, Stress (Phonology), Syntax, Vocabulary
Identifiers—California, *Chicano English, Information Analysis Products, *Southwestern States
The English spoken by Spanish-surnamed Americans of the southwestern United States often has a Spanish flavor, even though the speakers may have no competence in Spanish. This Chicano English is discussed in a series of descriptions based on a number of previous studies of regional variations. Each description covers pronunciation, intonation, stress, vocabulary, and syntax. Regions covered include California (East Los Angeles, Riverside and vicinity, Redwood City, Los Angeles, Long Beach, and Whittier), Arizona, New Mexico (Las Vegas), and Texas (San Antonio in the 1950's and in 1970, Fort Worth-Dallas, and Austin). From the evidence of the individual descriptions, certain general conclusions are drawn about the linguistic feature of Chicano English, and especially about its dependence on Spanish influence. Pedagogical implications of this Spanish background are briefly discussed. A partially annotated bibliography is appended. (JB)

ED 176 592 FL 010 826
Crandall, Jo Ann
Adult Vocational ESL. Language in Education: Theory and Practice, No. 22.
ERIC Clearinghouse on Languages and Linguistics, Arlington, Va.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Sep 79
Note—67p.
Available from—Center for Applied Linguistics, 1611 N. Kent Street, Arlington, Virginia 22209 ($5.95)
Pub Type— Information Analyses (070) — Reference Materials - Bibliographies (131) — Collected Works - Serials (022)
EDRS Price - MF01/PC03 Plus Postage.
Descriptors—*Adult Basic Education, Adult Education, Annotated Bibliographies, Course Content, Curriculum Development, *English (Second Language), *English for Special Purposes, *Language Instruction, Language Programs, Material Development, Models, Motivation, Needs Assessment, *Program Design, Program Development, Program Evaluation, Second Language Learning, *Vocational Education
Identifiers—Information Analysis Products
This survey of vocational English as a second language (ESL) for adult learners covers the following areas: (1) language content (pronunciation, structure, vocabulary, style and conversational strategies, literacy training, motivation); (2) program design, including a variety of program models; and (3) materials development (needs assessment, material adaptation and creation, curriculum development, syllabus design, field testing and evaluation). Chapters are devoted to an overview of the status of vocational ESL programs, a discussion of research needs in vocational ESL, and a summary of characteristics of successful programs. Two sample supplementary lessons are appended, and a lengthy annotated bibliography completes the document. (JB)

ED 177 887 FL 010 623
Omaggio, Alice C.
Games and Simulations in the Foreign Language Classroom. Language in Education.
ERIC Clearinghouse on Languages and Linguistics, Arlington, Va.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—78
Note—66p.
Available from—Center for Applied Linguistics, 1611 N. Kent Street, Arlington, Virginia 22209 ($5.95)
Pub Type— Guides - Classroom - Teacher (052)
EDRS Price - MF01/PC03 Plus Postage.
Descriptors—Chinese, *Classroom Games, Comprehension, Culture, *Educational Games, French, Games, German, Grammar, Italian, *Language Instruction, Language Skills, *Learning Activities, Postsecondary Education, Role Playing, Russian, Secondary Education, Second Language Learning, *Simulation, *Skill Development, Spanish, Speech Communication, Teaching Methods, Vocabulary
Identifiers—Information Analysis Products
This paper presents some of the materials available for games and simulation activities in the foreign language classroom and organizes the materials in terms of their usefulness for reaching specific instructional objectives. The list of games and simulations represents a wide variety of activities that can be used in the development of various skills in any second language. Sample games are provided in French, German, Russian, Spanish, Chinese and Italian. Each game has been analyzed to determine its particular objective in language skills development and has been integrated into a simplified taxonomic structure of language-learning tasks. These tasks progress from simple to complex. The first half of the compilation includes games that are designed to strengthen students' command of discrete linguistic features of the second language; the second half includes games that require more complex communicative operations. Games in the first section, "Knowledge of Specifics," focus on mastery of language forms; those in the section entitled "Development of Communication Skills," focus on the meaning of the message communicated. The description of each game includes the purpose, level, directions for play, materials needed, and the source. (Author/AMH)

ED 179 089 FL 010 622
Inman, Marianne
Foreign Languages, English as a Second/Foreign Language, and the U.S. Multinational Corporation. Language in Education: Theory and Practice, No. 16.
ERIC Clearinghouse on Languages and Linguistics, Arlington, Va.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—May 78
Note—48p.
Available from—Center for Applied Linguistics, 1611 North Kent Street, Arlington, VA 22209 ($4.95)
Pub Type— Reports - Research (143)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—*Business, Cross Cultural Training, *English (Second Language), Foreign Countries, *Foreign Nationals, Foreign Workers, International Relations, Interpreters, Job Enrichment, Job Skills, Language Instruction, Language Programs, *Overseas Employment, *Second Language Learning, Second Languages, Teaching Methods, *Translation
Characteristics of corporate language training programs and policies, and the role of translation and interpreting were studied. Of particular interest was the extent to which language requirements and language training are included in corporate planning. Also investigated was the extent to which occupationally oriented special purpose language training is included in the language training provided to corporate employees. Responses were obtained to a 12-page questionnaire from 129 American firms doing business abroad. Among the findings are the following: (1) Spanish is the language most studied by U.S nationals going abroad to

work and also the language most involved in translation and interpreting; (2) U.S. corporations doing business abroad rely primarily on English as the business and the means of communication; (3) language training is provided to a majority of U.S. national employees going overseas and outranks technical, cultural, and managerial training in the type of training provided; (4) languages for special purposes training is only rarely included in U.S. national employees' preassignment language instruction; (5) English is generally the language in which technical training is given to non-U.S. national employees overseas; and (6) a far greater commitment exists to language training (specifically English language training) for non-U.S. national employees than for U.S. national employees. A bibliography is included. (SW)

HE

ED 165 640 HE 010 908

Mayville, William V.

Institutionalizing the Muse: The Arts and Artist in Higher Education. AAHE-ERIC/Higher Education. Research Currents.

ERIC Clearinghouse on Higher Education, Washington, D.C.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—Jan 79

Note—6p.; Best copy available

Available from—Publications Department, American Association for Higher Education, One Duoont Circle, Suite 780, Washington, D.C. 20036 ($.40)

Pub Type— Journal Articles (080)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Art Education, *Artists, Arts Centers, *College Role, *Cultural Activities, Cultural Enrichment, *Curriculum Development, Dance, Employment Opportunities, Enrollment Trends, *Fine Arts, Government School Relationship, Higher Education, Music Activities, Music Education, Professional Education, Theater Arts

Identifiers—*National Endowment for the Arts

The role of higher education in fostering the arts and educating artists is addressed. Currently, the Department of Health, Education, and Welfare focuses on aid to primary and secondary levels, and the National Endowment for the Humanities has not developed programs to support professional training in a specific form or arts education of the artist. In the fall of 1978, the National Endowment for the Arts (NEA) began to consider educational institutions as eligible for Challenge Grants, a development that points to certain basic issues about the importance of the arts experience for students at colleges and universities. Recommendations of a task force of NEA are cited, including the suggestion that grants be made available for needy students to pay for advanced arts study. Data are presented on postsecondary enrollments in the fine arts and employment opportunities after graduation. Several views on the relationship of the artist to academe, some innovative curricular developments in the arts, and examples of the collaboration of art and science are discussed. Information on performing arts programs provide some indication of the support higher education gives to the arts. The data reveal that the performing arts do not pay their own way. The fact that institutions are willing to support such programs is one indicator of the importance such programs play for the institutions. (SW)

ED 165 694 HE 010 995

Linney, Thomas J.

Alternatives to Tenure. AAHE-ERIC/Higher Education Research Currents. March 1979.

American Association for Higher Education, Washington, D.C.; ERIC Clearinghouse on Higher Education, Washington, D.C.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—Mar 79

Note—6p.; Best copy available

Available from—Publications Department, American Association for Higher Education, One Dupont Circle, Suite 780, Washington, D.C. 20036 ($.40)

Pub Type— Reference Materials - Bibliographies (131)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Administrative Change, Change Strategies, *College Faculty, *Contracts, Court Litigation, Higher Education, *Job Layoff, *Personnel Policy, State of the Art Reviews, *Teacher Employment, *Tenure, Trend Analysis

Identifiers—Information Analysis Products

An overview of current literature about alternatives and variations to existing concepts of tenure of faculty is presented. Tenure continues the appointment of faculty until retirement unless there is dismissal for adequate cause or unavoidable termination because of financial exigency or change of institutional program. Academic freedom is assured through procedures providing for academic due process in the case of dismissal for cause and economic security is provided by the expectation of continued employment. A combination of demographic changes, judicial decisions, shifts in the college curriculum, and financial restraint in allocation of resources for higher education suggest that this traditional understanding of tenure systems in higher education may change. In future periods of declining enrollments and financial restraint, more tenured faculty will be terminated, with tenure providing small measure of job security. Two major alternatives to tenure are contract systems and modifications combined with traditional tenure systems. There are numerous variations of contracts that replace tenure, but no major university has yet adopted any form of a contract system. Modifications include extension of the probationary period, establishing periodic evaluation of tenured faculty, establishing a nontenure track, and extensive use of part-time faculty appointments. Some major studies that document the concept and process of tenure in American higher education are cited. (SW)

ED 169 873 HE 011 305

Gappa, Judith M. Uehling, Barbara S.

Women in Academe: Steps to Greater Equality. AAHE-ERIC/Higher Education Research Report No. 1, 1979.

American Association for Higher Education, Washington, D.C.; George Washington Univ., Washington, D.C. ERIC Clearinghouse on Higher Education.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—79

Note—97p.

Available from—Publications Department, American Association for Higher Education, One Dupont Circle, Suite 780, Washington, DC 20036 ($4.00)

Pub Type— Books (010) — Information Analyses (070) — Reference Materials - Bibliographies (131)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—Administrator Characteristics, Affirmative Action, Bibliographies, Civil Rights, *College Faculty, College Role, *College Students, Educational Policy, Equal Education, *Equal Opportunities (Jobs), *Females, *Higher Education, Literature Reviews, *Sex Discrimination, Socialization, Women Professors, Womens Studies

Identifiers—Faculty College Relationship, Information Analysis Products, Single Sex Colleges

A review of current research and literature about women in higher education is presented in this monograph in the context of equality of opportunity. The following areas are addressed: the status of women students, institutional practices that affect the participation of women students, the socialization process, women's studies and women's colleges, women faculty and administrators, academic careers, legislation pertaining to the rights of women in higher education and current enforcement efforts, and recommendations for the future to achieve greater equality. The research indicates that there have been and continue to be powerful constraints affecting the participation of women; the status of women as students and employees is still not equal to that of men. Reasons for the discriminatory situation are documented and examined, although there are limitations in the information provided by available research. Recommendations consist of five steps that institutions, agencies, and organizations can take to increase the participation of women in higher education. A bibliography is included. (SW)

ED 169 874 HE 011 306

Shulman, Carol Herrnstadt

Old Expectations, New Realities: The Academic Profession Revisited. AAHE-ERIC/Higher Education Research Report No. 2, 1979.

American Association for Higher Education, Washington, D.C.; George Washington Univ., Washington, D.C. ERIC Clearinghouse on Higher Education.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—79

Note—58p.

Available from—Publications Department, American Association for Higher Education, One Dupont Circle, Suite 780, Washington, DC 20036 ($4.00)

Pub Type— Books (010) — Information Analyses (070)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Academic Freedom, Collective Bargaining, *College Faculty, Educational Finance, Educational History, Educational Policy, Employment Opportunities, Faculty Mobility, Financial Problems, Governance, *Higher Education, Literature Reviews, Models, Researchers, Teacher Motivation, *Teacher Role, Teacher Welfare, Tenure, Trend Analysis

Identifiers—*Compensation (Remuneration), *Faculty College Relationship, Information Analysis Products

The historical background and characteristics of the academic model, on which modern academic life is based, are presented in this monograph, and changing conditions in higher education that call for reevaluation of the academic model are examined. The model originated with the rise of the university system in the late nineteenth century, which established the faculty's role as researcher and scholar first and teacher second. In the 1970's enrollment and financial problems point up crucial flaws in this model. With the declining job market, faculty job mobility decreased. The impact of the Ph.D. surplus is addressed. A review of the academic reward system for faculty includes: (1) a description of faculty activities and preferences; (2) an analysis of how academic rewards serve faculty needs; and (3) a discussion of efforts to refocus the reward system away from research to teaching. Current conditions in higher education have also resulted in a loss of faculty autonomy, and centralized decision-making and greater reliance on irregular faculty appointments have occurred. Collective bargaining is an option faculty may select to try to improve their position. A bibliography is included. (SW)

ED 169 875 HE 011 307

Caruthers, J. Kent Orwig, Melvin

Budgeting in Higher Education. AAHE-ERIC/Higher Education Research Report No. 3, 1979.

American Association for Higher Education, Washington, D.C.; George Washington Univ., Washington, D.C. ERIC Clearinghouse on Higher Education.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—79

Note—110p.

Available from—Publications Department, American Association for Higher Education, One Dupont Circle, Suite 780, Washington, DC 20036 ($4.00)

Pub Type— Books (010) — Information Analyses (070)

EDRS Price - MF01/PC05 Plus Postage.

Descriptors—*Budgeting, College Administration, Decision Making, Economic Factors, *Educational Finance, Educational History, *Financial Policy, *Higher Education, Literature Reviews, Organizational Theories, Political Influences, Postsecondary Education, *Resource Allocations, *School Funds, Trend Analysis

Identifiers—Formula Budgeting, Incremental Budgeting, Information Analysis Products, Performance Budgeting, Planning Programming Budgeting Systems, Zero Base Budgeting

Budgeting and budget planning in higher education are considered, and the long-standing debate concerning whether budgeting is largely a technical or a political exercise is reviewed in this monograph. The roles of various participants in the budgeting process and the form of their participation, with emphasis on centralization of authority in the budgetary process, are analyzed, and the problem of equity, or allocation of similar resources for similar needs, is explained. The roles of various types of

information, particularly that pertaining to the costs and outcomes of the educational experience in budgetary decision-making, and the burdens of information reporting are discussed. The heritage of current budget-planning approaches in postsecondary education is traced. The approaches to budgeting in private industry and the development of budgeting practice in the public sector during this century are considered. Problems associated with budgeting in postsecondary education and the influence of the business and public-administration approaches are discussed. The following five budget-planning approaches are described in detail: incremental budgeting, formula budgeting, program budgeting, zero-base budgeting, and performance budgeting. An analysis of budgeting roles and responsibilities existing at different organizational levels is presented. Budget-request strategies and budgeting review techniques are considered. Recommendations for further research are offered, and a bibliography is included. (SW)

ED 169 876 HE 011 308

Linney, Thomas J.

Changing Values in Higher Education. AAHE-ERIC/Higher Education Research Currents, April 1979.

American Association for Higher Education, Washington, D.C.; George Washington Univ., Washington, D.C. ERIC Clearinghouse on Higher Education.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—Apr 79

Note—5p.

Available from—Publications Department, American Association for Higher Education, One Dupont Circle, Suite 780, Washington, DC 20036 ($.40)

Pub Type— Information Analyses (070) — Reference Materials - Bibliographies (131)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Access to Education, Bibliographies, College Students, Educational Policy, Equal Education, *Federal Aid, Financial Support, *Higher Education, Literature Reviews, *Middle Class College Students, Parental Financial Contribution, Public Opinion, Student Costs, *Student Financial Aid, *Trend Analysis, Values

Identifiers—Information Analysis Products, *Need Analysis (Student Financial Aid)

Current issues concerning changing values in higher education in relationship to existing programs and policies are considered. The following questions are addressed: Is there a middle income squeeze? Is there evidence of decreasing rates of participation among middle-income families in higher education? Is there evidence of substantial decreases in parental support? If so, what are the consequences and implications for higher education? Studies are cited which both support and disclaim the existence of financial pressures on middle-income families affecting their participation in higher education. Another consideration relevant to participation rates of middle-income families is the availability of student financial aid. New federal programs are expanding student assistance to more families in middle-income levels. Federal policy continues to call for equal access and provides for income distribution that supports a pluralistic system of higher education. It is projected that there will be a continued shifting of the burden of financing higher education from individuals to the federal and state governments. This represents a changing value toward higher education. (SW)

ED 169 877 HE 011 309

Shulman, Carol Herrnstadt

Revamping Core Curricula. AAHE-ERIC/Higher Education Research Currents, May 1979.

American Association for Higher Education, Washington, D.C.; George Washington Univ., Washington, D.C. ERIC Clearinghouse on Higher Education.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—May 79

Note—5p.

Available from—Publications Department, American Association for Higher Education, One Dupont Circle, Suite 780, Washington, DC 20036 ($.40)

Pub Type— Reports - Descriptive (141) — Reference Materials - Bibliographies (131)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Bibliographies, *College Curriculum, *Core Curriculum, *Curriculum Development, *Educational Change, Educational Objectives, Educational Trends, *General Education, Higher Education, Interdisciplinary Approach, Liberal Arts, Literature Reviews, Program Descriptions, *Trend Analysis, *Undergraduate Study

Identifiers—Information Analysis Products

The core curriculum concept and reasons behind the current momentum for curricular reform are examined, and the issues involved in institutionalizing new core curricular ideas are exemplified. Reform follows from changes in the character of undergraduate education toward less restrictive, more diffuse requirements in the area of general education and increased time spent in major fields of study. General education and the idea of liberal arts are discussed. Core courses are shown to be interdisciplinary or multidisciplinary, and educational goals are more concerned with learning processes than with content. Core curriculum programs at Austin College, Harvard University, Pacific Lutheran University, and Saint Joseph's College are described briefly. (SW)

ED 172 642 HE 011 379

Mortimer, Kenneth P. Tierney, Michael L.

The Three "R's" of the Eighties: Reduction, Reallocation, and Retrenchment.

American Association for Higher Education, Washington, D.C.; George Washington Univ., Washington, D.C. ERIC Clearinghouse on Higher Education.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—79

Note—93p.

Available from—American Association for Higher Education, One Dupont Circle, Suite 780, Washington, D.C. 20036 ($4.00)

Pub Type— Information Analyses (070) — Guides - Non-Classroom (055)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—Budgeting, Check Lists, *College Administration, *Declining Enrollment, Educational Finance, Educational Policy, Educational Quality, *Financial Problems, *Higher Education, Long Range Planning, *Resource Allocations, *Retrenchment, State of the Art Reviews, Teacher Participation, Trend Analysis

Identifiers—Michigan State University, Pennsylvania State College System, Pennsylvania State University, Position Papers, *Program Discontinuance, University of Pennsylvania

Some of the responses of colleges and universities to declining enrollments and diminishing resources are reviewed. Institutions have tried to reduce the size of their operations, reallocate resources internally, and retrench a number of faculty and programs. Several approaches to reductions, reallocations, and retrenchments in specific cases, including those at the University of Michigan, the University of Pennsylvania, and the Pennsylvania State College System, are reviewed. Nine observations about trends in institutional behavior as colleges and universities approach the decade of the 1980s are presented, including: there is a need to be more sophisticated about projected enrollment declines since they and their impacts will vary by region of the country; national concentration on projected enrollment declines has diverted attention from the equally-important area of the "cost-income squeeze;" and traditional governance patterns in colleges and universities are not well-equipped to handle faculty participation in an era of declining resources. It is concluded that only a few institutions, which either are geographically located in areas of population growth or have exceptionally high academic reputations, will escape the consequences of the long-run changes facing higher education. Appended are: checklists for academic quality assessment and program evaluation; guidelines for use in planning retrenchment in the state colleges and university of Pennsylvania; 1976 recommended institutional regulations on academic freedom and tenure; policy document on discontinuance of academic programs at the University of Michigan; and financial exigency and staff reduction statement of the Association of American Colleges. A bibliography is included. (SW)

ED 172 643 HE 011 380

Winschel, Carolyn

Administrative Evaluation. Administrator's Update. Volume 1, Number 1.

American Association of University Administrators, Buffalo, N.Y.; ERIC Clearinghouse on Higher Education, Washington, D.C.

Pub Date—79

Note—7p.; Parts may not reproduce clearly due to colored background

Available from—American Association of University Administrators, Administrators Update, P.O. Box 6, Bidwell Station, Buffalo, NY 14222 ($.50)

Pub Type— Information Analyses (070)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Accountability, *Administrator Characteristics, *Administrator Evaluation, *College Administration, *Competence, *Evaluation Criteria, Higher Education, *Leadership Qualities, Literature Reviews, Presidents

Identifiers—Information Analysis Products, Objectivity

Literature relevant to administrative evaluation in higher education was surveyed. Reasons for the increasing importance of this type of evaluation, approaches to and components of an evaluation plan, some of the problems involved in the evaluation process, and use of results are discussed. The current literature indicates that increased presure from above and below and the demand for accountability from government and institutional constituencies make administrative evaluation important. Evaluation usually presupposes some sort of comparison either with predecessors, peers, some ideal, past performance, or others' expectations. Evaluation criteria usually concern administrative skills and personal characteristics. The idea of faculty involvement in administrative evaluation seems to be growing in acceptance but ultimate responsibility rests with the board. The greatest problem in evaluation is the difficulty of rational and objective judgment. Generally, higher education does not really lend itself very readily to systematic assessment. The use of results should be known and agreed to by all concerned prior to the actual evaluation process. (SW)

ED 176 645 HE 011 724

Compbell, Dale F. Korim, Andrew S.

Occupational Programs in Four-Year Colleges: Trends and Issues. AAHE-ERIC/ Higher Education Research Report No. 5, 1979.

American Association for Higher Education, Washington, D.C.; California Univ., Los Angeles. ERIC Clearinghouse for Junior Coll. Information.; ERIC Clearinghouse on Higher Education, Washington, D.C.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—79

Note—44p.

Available from—American Association for Higher Education, One Dupont Circle, Suite 780, Washington, DC 20036 ($4.00)

Pub Type— Information Analyses (070)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Admission Criteria, *Articulation (Program), Associate Degrees, College Credits, Colleges, *Community Colleges, *Educational Change, *Higher Education, Liberal Arts, Nontraditional Students, Organization, Postsecondary Education, Prior Learning, State Action, State of the Art Reviews, Student Personnel Services, Universities, Upper Division Colleges, *Vocational Education

Identifiers—Information Analysis Products

Trends and issues in the shift of four-year colleges and universities in adding associate degree occupational programs are considered. After a brief historical overview, the status of occupational programs at four-year institutions is discussed, with emphasis on the patterns of organization at various institutions. The shift in mission of the four-year institution is examined in light of its potential impact on community colleges. The following issues are addressed: admissions policies, the dominance of liberal arts influences, the two-plus-two concept (a technical two-year curriculum articulated with a two-year upper-division baccalaureate program), the adequacy of student services, coping with learning deficiencies, the labor market focus, granting credit for occupational experience, and the formation of a new relationship with nontraditional segments. It is contended that the movement of the higher education community into occupational programs will be met either through self-initiated articulation or state-

imposed regulations. It is concluded that the redirection of the institution's faculty, the revision of the curriculum, the redesign of the support system, and the reallocation of resources are all required in the process of adopting an occupational education focus. These questions must be considered as states reassess their master plans in higher education due to shifts in enrollment patterns. A 66-item bibliography is appended. (PHR)

ED 176 677 HE 011 806

Eddy, Margot Sanders

Recycling Academic Calendars. AAHE-ERIC/Higher Education Research Currents, October 1979.

American Association for Higher Education, Washington, D.C.; George Washington Univ., Washington, D.C. ERIC Clearinghouse on Higher Education.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—Oct 79

Note—5p.

Available from—Publications Department, American Association for Higher Education, One Dupont Circle, Suite 780, Washington, D.C. 20036 ($0.40)

Pub Type— Information Analyses (070) — Reference Materials - Bibliographies (131)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Bibliographies, Change Strategies, College Faculty, College Students, Comparative Analysis, Cost Effectiveness, Educational Improvement, Extended School Year, Higher Education, Institutional Characteristics, Literature Reviews, Program Length, Quarter System, *Scheduling, *School Calendars, School Schedules, *Semester Division, *Trimester Schedules, Year Round Schools

Identifiers—Information Analysis Products

The experiences of a variety of postsecondary institutions using different academic calendar options are examined. Several calendar options are described: the traditional semester, the early semester, 4-1-4, the quarter system, the trimester plan, composite plans, and year-round plans. The traditional semester calendar begins in mid-September and has one semester running until late January and another from late January through early June. In the early semester calendar the first semester runs from late August through mid- to late December, and the second semester continues from mid-January to late May. The quarter system is comprised of four 12-week sessions. The trimester system uses a calendar of three 16-week sessions. The 4-1-4 schedule consists of three sessions: 16 weeks, four weeks, and 16 weeks. Year-round institutional calendars are characterized by continuous operation. The various types of institutions that use each of these plans, and advantages and disadvantages of each plan are discussed. It is suggested that the academic calendar has become an important element in faculty affairs and collective bargaining. The need for a thorough analysis of academic calendar use in postsecondary education is emphasized as a key to successful use of scheduling and good academic management. (Author/SF)

ED 176 711 HE 011 908

Nordvall, Robert C.

Evaluation and Development of Administrators. AAHE-ERIC/Higher Education Research Report No. 6, 1979.

American Association for Higher Education, Washington, D.C.; George Washington Univ., Washington, D.C. ERIC Clearinghouse on Higher Education.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—79

Note—68p.

Available from—American Association for Higher Education, Suite 780, One Dupont Circle, Washington, DC 20036 ($4.00)

Pub Type— Information Analyses (070)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Administrative Personnel, Administrator Characteristics, Administrator Education, *Administrator Evaluation, Bibliographies, *College Administration, *Evaluation Methods, Higher Education, Improvement Programs, Informal Assessment, Inservice Education, Literature Reviews, Management by Objectives, *Management Development, *Presidents, *Professional Development, Rating Scales

Identifiers—*Administrators, College Presidents, Information Aanlysis Products

Needs and methods for the evaluation and development of higher education administrators are reviewed in this monograph. Three major reasons for evaluation are cited: external and internal pressure, improvement of performance of individual administrators, and improvement of performance of the institution. Different approaches to evaluation are reviewed and advantages and disadvantages of each process are discussed. Information evaluation, rating scales, structured documentation (portfolios), and management by objectives are included in this examination. It is suggested that the various evaluation approaches are not mutually exclusive, and some institutions may use procedures that draw on a mixture of evaluation methods, as suit their circumstances. Procedures for successful implementation, deciding who should provide evaluative data, and when to evaluate are discussed, as well as confidentiality and evaluating the evaluation process. Administrative development programs are examined and it is suggested that features of development programs in business can be applied to higher education. Important features of a development program include: (1) relationship of development to daily work; (2) tailoring the program to the institution and person; and (3) encouragement of participation in the program. Problems specific to the evaluation of college presidents are also discussed. It is suggested that the evaluation and development of both college presidents and administrators complements the proper management of the institution and that any development program should be responsive to the changing needs of the school. A 100-item bibliography is included. (SF)

ED 178 022 HE 011 952

Shulman, Carol Herrnstadt

Reauthorizing the Higher Education Act of 1965. AAHE-ERIC/Higher Education Research Currents, November 1979.

American Association for Higher Education, Washington, D.C.; George Washington Univ., Washington, D.C. ERIC Clearinghouse on Higher Education.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—Nov 79

Note—5p.

Available from—Publications Dept., American Association for Higher Education, One Dupont Circle, Suite 780, Washington, DC 20036 ($.40)

Pub Type— Reports - Descriptive (141) — Information Analyses (070)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Access to Education, Educational Finance, Educational Opportunities, *Federal Aid, *Federal Legislation, Finance Reform, Financial Needs, *Financial Policy, Government School Relationship, Grants, Higher Education, Loan Repayment, Need Analysis (Student Financial Aid), Parental Financial Contribution, *Student Financial Aid, *Student Loan Programs

Identifiers—*Basic Educational Opportunity Grants Program, Guaranteed Student Loan Program, *Higher Education Act Title IV, Information Analysis Products, National Direct Student Loan Program

Congressional debate over modification and reform of Title IV, Student Assistance of the Higher Education Act of 1965 is discussed. The 1965 Congressional hearings on the 1965 Act, up for reauthorization in September 1979, are expected to continue into 1980 before Congress finally approves a bill. Title IV implements the federal philosophy that no student should be denied a higher education because of financial need. Within this Title, two programs that will be significantly altered are the Basic Educational Opportunity Grants program and the student loan programs, including the National Direct Student Loan program (NSDL) and the Guaranteed Student Loan program (GSL). Problems that have developed in these programs and current proposals for reforming them are discussed. The growing debate over the student-aid "packaging" concept as a means of achieving equitable aid distribution is also addressed. A bibliography and titles of the Higher Education Act as they appear in the proposed House bill are also included. (SW)

ED 178 023 HE 011 953

Grites, Thomas J.

Academic Advising: Getting Us Through the Eighties. AAHE-ERIC/Higher Education Research Reports, No. 7, 1979.

American Association for Higher Education, Washington, D.C.; George Washington Univ., Washington, D.C. ERIC Clearinghouse on Higher Education.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—79

Note—74p.

Available from—American Association for Higher Education, One Dupont Circle, Suite 780, Washington, DC 20036 ($4.00)

Pub Type— Information Analyses (070)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Admissions Counselors, *Career Planning, College Admission, College Students, Delivery Systems, *Educational Coordination, *Educational Counseling, Educational History, *Faculty Advisors, Higher Education, Paraprofessional School Personnel, Peer Counseling, Personal Growth, State of the Art Reviews, *Student College Relationship

Identifiers—Information Analysis Products

The historical development of academic advising, the methods employed to provide this service, and the interrelationship of this process with other campus constituencies are examined. Academic advising in American higher education has evolved from a routine, isolated, single-purpose, faculty activity to a comprehensive process of academic, career, and personal development performed by personnel from most elements of the campus community. The most common advising delivery systems include faculty advising, professional staff advisors in advisement centers, and peer or paraprofessional advising programs. The advising and registration functions provide an effective interface for cooperative effort, and another administrative interface is consolidated under the area of student affairs. The most obvious interface in the advising program is with the faculty, primarily through development and implementation of the curriculum. Three primary conclusions are drawn from the analysis of the literature on academic advising: (1) advising cannot be done in isolation; (2) there is no single formula for a successful advising program; and (3) academic advising will play a more prominent role in the future of higher education. A bibliography and eight recommendations that could be used by institutions as they assess their advising program—including implementation of assessment studies and reward systems—are included. (SW)

ED 179 187 HE 012 026

Nyre, Glenn F. Reilly, Kathryn C.

Professional Education in the Eighties: Challenges and Responses. AAHE-ERIC/Higher Education Research Report No. 8, 1979.

American Association for Higher Education, Washington, D.C.; George Washington Univ., Washington, D.C. ERIC Clearinghouse on Higher Education.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—79

Note—60p.

Available from—American Association for Higher Education, One Dupont Circle, Suite 780, Washington, DC 20036 ($4.00)

Pub Type— Information Analyses (070)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Accreditation (Institutions), Admission Criteria, Bibliographies, College Admission, Cooperative Programs, Curriculum Development, *Educational Coordination, Educational History, Educational Quality, *Educational Trends, Employment Opportunities, Faculty Development, Faculty Evaluation, Futures (of Society), *Higher Education, *Professional Continuing Education, *Professional Education, Student Experience, *Trend Analysis

Identifiers—Information Analysis Products

Major historical and recent developmental stages of professional education are reviewed and the outlook for the 1980's is discussed. Topics include: the admissions outlook and the professional school experience; curricular development; faculty training, evaluation, and rewards; labor market prospects after professional school; continuing education and licensure; and quality assessment in terms of accreditation and ratings. Each discussion supports the theory that dramatic change and experimenta-

tion will not be part of professional education in the next decade, but that change and renewal based on already existing practices will be the standard. Two distinctive elements of professional education, which emerged during the 1970's and will guide further development in the 1980's are: (1) the integration of theory and practice, and (2) a growing trend toward integration, cooperation, and collaboration between and among professions, professional schools, and private and government agencies. The latter is highlighted as the most important guiding influence in the next decade. Within that frame of reference, six recommendations–including refining admissions criteria to incorporate measures of personal development and interpersonal skills–are offered. A bibliography is included. (SW)

ED 180 327 HE 012 057

Linney, Thomas

Interstate Migration of College Students. AAHE-ERIC/Higher Education Research Currents, December 1979.

American Association for Higher Education, Washington, D.C.; George Washington Univ., Washington, D.C. ERIC Clearinghouse on Higher Education.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—Dec 79

Note—5p.

Available from—Publications Department, American Association for Higher Education, One Dupont Circle, Suite 780, Washington, DC 20036 ($.40)

Pub Type— Collected Works - Serials (022) — Information Analyses (070)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Access to Education, College Attendance, *College Choice, College Cooperation, Federal Aid, Geographic Distribution, Higher Education, *Migration Patterns, Regional Cooperation, *Residence Requirements, State Aid, State Colleges, Student Characteristics, *Student Financial Aid, Tuition

Identifiers—Information Analysis Products, *In State Students, *Out of State Students

The current trends in college student migration and implications for higher education are discussed. Declining trends in interstate migration are rapidly limiting institutional diversity by increasing the homogeneity of student bodies. Diversity of experience and education has been noted as fostering and strengthening individual, institutional, and societal goals for higher education. Some data on migration trends are presented. A student eligible for state aid is probably less likely to attend an out-of-state institution unless the available aid is probable. Unlike most federal programs, only seven states and the District of Columbia presently allow the use of state student aid program funds to be portable. Until more portability exists in state student aid programs, the present trend toward home-state attendance will continue. Issues that support existing trends in migration are: (1) tuition and fees for out-of-state residents continue to rise at rates faster than those for state residents; (2) state student financial aid programs continue to expand, supported with federal matching funds, though these still tend to be limited to state residents; and (3) federal programs support access and choice while state programs provide access for state residents with less concern for opportunities beyond state borders. Reciprocal tuition agreements between states, student exchange programs coordinated by regional state compacts, and applications of marketing approaches to student recruitment are examples of interstate policies concerning migration. (SW)

ED 180 328 HE 012 058

Eldred, Marilou Denbo Marienau, Catherine

Adult Baccalaureate Programs. AAHE-ERIC/Higher Education Research Report No. 9.

American Association for Higher Education, Washington, D.C.; George Washington Univ., Washington, D.C. ERIC Clearinghouse on Higher Education.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—79

Note—73p.; Appendix may not reproduce well due to small print

Available from—Publications Office, American Association for Higher Education, One Dupont Circle, Suite 780, Washington, DC 20036 ($4.00)

Pub Type— Information Analyses (070) — Reference Materials - Directories/Catalogs (132)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Access to Education, *Adult Students, *Bachelors Degrees, *College Curriculum, *College Students, Educational Demand, Educational Objectives, Educational Supply, Enrollment Trends, Financial Support, Higher Education, Student Evaluation, Student Needs, Surveys, Tuition

Identifiers—Information Analysis Products

A survey was conducted of 137 higher education institutions that have developed adult baccalaureate programs. Four major issues related to degree offerings for adults were examined: clientele, access to degree programs, institutional contexts of adult degree programs, and academic components of adult programs. A description of the clientele served by adult programs is presented from the perspective of student perceptions of their program status and the institution's view of adult students. The issue of access is discussed from two perspectives: barriers that impede adults' access to degrees, and accommodations that are being made for adult students. The institutional context of adult degree programs is discussed with regard to the growth of adult programs, their availability in various types of institutions across the nation, and their involvement in interinstitutional arrangements. The status of adult degree programs in relation to their host institutions is examined with regard to program name distinctions, enrollment size, funding base, and tuition costs. The academic components of degree programs include goals of the curriculum, curricular design, faculty instructional roles, types of learning, and evaluation of learning. It is concluded that adult baccalaureate degree programs need to be granted status equal to that of more traditional programs; adults are still barred from equal access to higher education opportunities, or at least their options are limited to a greater extent than is desirable. A bibliography and a listing of adult baccalaureate programs by state are included. (SW)

IR

ED 169 951 IR 007 298

Dosa, Marta L. Arditi-Kirkland, Stephanie

Information in Social Gerontology.

Syracuse Univ., N.Y. ERIC Clearinghouse on Information Resources.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Report No.—IR-31

Pub Date—Dec 78

Contract—400-77-0015

Note—54p.

Available from—Syracuse University Printing Services, 125 College Place Syracuse, New York 13210 ($4.25 postpaid)

Pub Type— Information Analyses (070) — Reference Materials - Bibliographies (131)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Bibliographies, *Gerontology, Human Services, *Information Needs, *Information Sources, International Studies, Library Programs, Library Services, *Older Adults, Public Policy, Social Science Research, Social Welfare, State of the Art Reviews

Identifiers—Information Analysis Products

The objective of this essay and bibliography is to assist information and library professionals, as well as individuals from other disciplines, to gain some insights into the major themes and issues of social gerontology. The focus is on the role of information and data in gerontological research, public policy, service delivery, and information and library services, with emphasis on individual rather than societal aging. The bibliography is divided into two parts. Part one discusses background issues in social gerontology, including concepts and development, research, public policy, human services and advocacy, and education and training. Part two examines the role of information in social gerontology with emphasis on information for older persons, information for those who work with the elderly, and international issues. This is not primarily an Educational Resources Information Center (ERIC) bibliography, although almost half of the citations are either ERIC documents announced in Resources in Education (RIE) or journal articles reviewed in Current Index to Journals in Education (CIJE). A list of bibliographic sources is included. (Author/CWM)

ED 169 953 IR 007 449

Keller, John M. And Others

A Practitioner's Guide to Concepts and Measures of Motivation.

Syracuse Univ., N.Y. ERIC Clearinghouse on Information Resources.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Report No.—IR-33

Pub Date—78

Contract—400-77-0015

Note—119p.

Available from—Syracuse University Printing Services, 125 College Place, Syracuse, New York 13210 ($6.50)

Pub Type— Guides - Non-Classroom (055)

EDRS Price - MF01/PC05 Plus Postage.

Descriptors—Academic Achievement, Anxiety, Curiosity, *Educational Attitudes, Guides, Locus of Control, *Motivation, *Personality Tests, Psychological Tests, *Student Motivation, Teacher Attitudes

Identifiers—Information Analysis Products

This guidebook was designed to familiarize educational practitioners–teachers, developers, counselors, administrators–with several concepts of motivation and methods of measuring them. Six concepts, or approaches, that are particularly relevant to understanding motivation in education are considered: achievement motivation, locus of control, curiosity and arousal seeking, anxiety, general academic motivation, and motivation and attitude. For each of these concepts, a brief explanation is provided, together with a summary of principles, some suggestions for applying this knowledge, and descriptions of measurement instruments selected on the basis of their availability and applicability in an educational context. A bibliography is included. (Author/BBM)

ED 179 247 IR 008 174

Saettler, Paul

An Assessment of the Current Status of Educational Technology.

Syracuse Univ., N.Y. ERIC Clearinghouse on Information Resources.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—79

Contract—400-77-0015

Note—37p.

Available from—Syracuse University Printing Services, 125 College Place, Syracuse, NY 13210 (IR-38; $3.00 prepaid)

Pub Type— Opinion Papers (120)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Educational History, *Educational Technology, *Futures (of Society), *Instructional Design, Learning Characteristics, Media Selection, Research Problems, Systems Approach

Identifiers—Information Analysis Products

An analysis of the historical roots of educational technology is followed by discussions of concerns for instructional design and media selection, systematic approaches to instruction, and the future uses of technology for the delivery of instruction and information. The development and growth of the field are explored, future applications of advanced technologies are proposed, and the need for more refined theories of information processing in describing how people learn is pointed out. This paper includes definitions of educational technology, as well as discussions of the use of media in delivering instruction, various uses of computers in education, and the development of new products that will impact on the field. Problems facing educational technologists are reviewed, and additional research to identify individual characteristics that influence learning is recommended. (RAO)

ED 179 248 IR 008 175

Ely, Donald P.

A Guide to Audiovisual Resources about ERIC.

Syracuse Univ., N.Y. ERIC Clearinghouse on Information Resources.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—79

Contract—400-77-0015

Note—38p.

Available from—Syracuse University Printing Services, 125 College Place, Syracuse, NY 13210 (IR-40; $3.00 prepaid)

Pub Type— Guides - Non-Classroom (055)

EDRS Price - MF01/PC02 Plus Postage.
Descriptors—*Audiovisual Aids, Computer Programs, *Guides, *Instructional Media
Identifiers—*ERIC, Information Analysis Products
The currently available audiovisual products about ERIC reviewed in this guide have been developed to meet the needs of a variety of users with varying familiarity with the system. Materials to be included were screened on the basis of availability, currency, and technical quality. The remaining products were then reviewed using five criteria: (1) purposes clearly stated or inferred; (2) audience clearly identified or inferred; (3) accuracy of information presented; (4) appropriate amount of information presented in each segment; and (5) general attractiveness of format, presentation, and aesthetic qualities. Formats listed include computer programs, sound filmstrips, sound microfiche, slide/tapes, overhead transparencies, videocassettes, and videotapes. An evaluative annotation is provided for each entry, as well as source for purchase (or rental) and price. Several items which were in process at the time of publication are included, together with estimated completion dates and estimated costs. (RAO)

ED 179 249 IR 008 176
Doughty, Philip And Others
Cost-Effectiveness Analysis and Instructional Technology: A Review of Conceptual Issues and Selected References.
Syracuse Univ., N.Y. ERIC Clearinghouse on Information Resources.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—78
Contract—400-77-0015
Note—62p.
Available from—Syracuse University Printing Services, 125 College Place, Syracuse, NY 13210 (IR-35; $5.00 prepaid)
Pub Type— Information Analyses (070)
EDRS Price - MF01/PC03 Plus Postage.
Descriptors—Annotated Bibliographies, *Cost Effectiveness, *Educational Technology, *Instructional Design, *Program Evaluation, Research Reviews (Publications)
Identifiers—Information Analysis Products
This document presents an overview of the current status of cost-effectiveness analysis and related techniques as they should be and are being applied to the field of educational technology, including an annotated bibliography of cost-effectiveness. Intended for practitioners with a basic understanding of instructional technology, this report is designed to guide improvement in the design, conduct, and use of cost-effectiveness studies in this area. Initial narrative sections examine the concepts and practice of cost-effectiveness evaluation and/or analysis as applied to instructional technology, and provide an overview of the literature on this topic. Citations are included throughout this portion of the document so that more informed selections of follow-up literature can be made. An appendix provides a review of the development of the practice of cost-effectiveness analysis of instructional technology programs and a brief review of that literature. Citations in this section are included in the list of references. (Author)

ED 179 250 IR 008 177
Daniel, Evelyn H. Ely, Donald P.
Assessing the Competencies of Media Professionals: A Model for Determining Costs and Effectiveness.
Syracuse Univ., N.Y. ERIC Clearinghouse on Information Resources.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Contract—400-77-0015
Note—68p.; For a related document, see ED 149 740
Available from—Syracuse University Printing Services, 125 College Place, Syracuse, NY 13210 (IR-39; $4.75 prepaid)
Pub Type— Reports - Descriptive (141)
EDRS Price - MF01/PC03 Plus Postage.
Descriptors—*Competence, *Cost Effectiveness, Higher Education, *Media Specialists, *Performance Based Education, *Student Evaluation
Identifiers—Information Analysis Products
This is a summary of the procedures and outcomes of a study undertaken to develop alternative strategies for evaluating the competencies of library media personnel in competency-based programs. The study was prompted by a realization that, although competency-based programs for school library media specialists are increasingly being adopted by state agencies as a basis for certification and by educational institutions as a procedure for educating media professionals, the effort in developing these programs has been heavily weighted toward the generation of competency statements with little attention being paid to the perhaps more difficult problem of competency assessment. The methodology for this project involved working back and forth between literature review and theoretical model development, and the collection of empirical data testing various aspects of the model with formal and informal interviews of various experts to critique the developing model. A cost-effectiveness approach was selected as the most appropriate method, with the ultimate goal of providing educational decision-makers with an array of assessment strategies for each individual competency, together with the costs and effectiveness measures associated with each strategy. (Author/RAO)

ED 180 498 IR 008 015
Gooler, Dennis D.
A Classification of Evaluation Studies of Instructional Technology Included in the ERIC System.
Syracuse Univ., N.Y. ERIC Clearinghouse on Information Resources.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—78
Contract—400-77-0015
Note—199p.
Available from—Syracuse University Printing Services, 125 College Place, Syracuse, NY 13210 (IR-34; $14.00 prepaid)
Pub Type— Reference Materials - Bibliographies (131) — Information Analyses (070)
EDRS Price - MF01/PC08 Plus Postage.
Descriptors—Annotated Bibliographies, *Educational Research, *Educational Technology, *Evaluation Methods, Formative Evaluation, *Media Research, Questionnaires, Standardized Tests, Summative Evaluation
Identifiers—Information Analysis Products
Three introductory chapters discuss evaluation and identify relevant studies on three different perspectives: purposes for evaluation, focus of the evaluation, and methods of evaluation. Studies are divided into a number of categories under each of the broad topics, and listed alphabetically by author if one is given; if there is no personal author, they are listed by title. A single item is listed in as many categories as are deemed appropriate, and the ED or EJ number is indicated for each one. The full bibliographic citation and abstract or annotation are provided for each citation in a single alphabetical listing in the main body of the bibliography. The procedures used in the inquiry are outlined, and additional work needed is considered. (Author/JEG)

ED 180 501 IR 008 066
Crouch, Wayne W.
The Information Interview: A Comprehensive Bibliography and an Analysis of the Literature.
Syracuse Univ., N.Y. ERIC Clearinghouse on Information Resources.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Contract—400-77-0015
Note—49p.
Available from—Syracuse University Printing Services, 125 College Place, Syracuse, NY 13210 (IR-37; $4.00 prepaid)
Pub Type— Information Analyses (070) — Reference Materials - Bibliographies (131)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—Annotated Bibliographies, *Information Needs, Interpersonal Competence, *Interviews, *Librarians, *Library Reference Services, Literature Reviews, Search Strategies, *Verbal Communication
Identifiers—Information Analysis Products
This publication provides a brief analysis of the literature since 1960 which deals with the information interview (defined as any interview in which one person is attempting to understand what information another person wants) as it involves library personnel; a comprehensive bibliography for that period; and a guide to the most useful items for practitioners, researchers, and teachers. A coding system for the citations is explained, and the bibliography is divided under three headings: (1) comprehensive considerations of the information interview, (2) primary items, and (3) additional items. Subject and author indexes are included. (FM)

ED 180 502 IR 008 097
Lieberman, Irving
A Working Bibliography of Commercially Available Audiovisual Materials for the Teaching of Library Science. Second Edition, Revised and Expanded.
Syracuse Univ., N.Y. ERIC Clearinghouse on Information Resources.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Contract—400-77-0015
Note—120p.
Available from—Syracuse University Printing Services, 125 College Place, Syracuse, NY 13210 (IR-36; $8.50 prepaid)
Pub Type— Reference Materials - Bibliographies (131) — Information Analyses (070)
EDRS Price - MF01/PC05 Plus Postage.
Descriptors—Annotated Bibliographies, *Audiovisual Aids, Cataloging, Classification, Directories, *Instructional Aids, Library Automation, *Library Education, Library Material Selection, Library Reference Services, *Library Science
Identifiers—Information Analysis Products
Intended to be used in conjunction with the teaching of library science, this selective, annotated bibliography lists commercially available films, filmstrips, slides, video and audio tapes, overhead transparencies, and non-projected graphic materials in seven subject areas: (1) introduction to librarianship, (2) reference, (3) teaching the use of books and the library, (4) classification and cataloging, (5) selection of library materials (including user guidance), (6) printing and the history of books and libraries, and (7) automation in libraries (including special libraries). The audience levels of the materials listed include secondary, academic, and adult users; audiovisual materials that deal directly with library services to the handicapped and elderly and/or which attempt to render the world from their point of view are also identified. A directory of audiovisual aid products/distributors is appended, and a title index concludes the document. (Author/JD)

ED 180 503 IR 008 178
Guide to Educational Resources. Fourth Edition, Revised and Updated.
Syracuse Univ., N.Y. ERIC Clearinghouse on Information Resources.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Contract—400-77-0015
Note—46p.
Available from—Syracuse University Printing Services, 125 College Place, Syracuse, NY 13210 (IR-41; $4.50 prepaid)
Pub Type— Guides - Non-Classroom (055) — Reference Materials - Bibliographies (131)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—076, Annotated Bibliographies, Dictionaries, Directories, *Educational Resources, Encyclopedias, Glossaries, *Information Sources, *Reference Materials, Resource Guides, Yearbooks
Identifiers—ERIC, Information Analysis Products
This guide lists sources of information about the field of education and its various areas, and is divided into seven sections which are based on the format of the publications described. The sections cover (1) yearbooks and encyclopedias providing general overviews of education, both in the United States and internationally; (2) directories; (3) dictionaries and glossaries; (4) guides focusing on audiovisual materials, educational periodicals, programmed learning materials, projects, referral, research, selection tools, and reviewing sources; (5) indexes, both manual and online; (6) the ERIC system and its 16 clearinghouses; and (7) publications dealing with statistical information. An appendix lists guides to both public and private funding agencies, including foundations and federal grant sources. (FM)

ED 180 504 IR 008 179
Gordon, Sol
Sex Education and the Library: A Basic Bibliography for the General Public with Special Resources for the Librarian.
Syracuse Univ., N.Y. ERIC Clearinghouse on Information Resources.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Dec 79
Contract—400-77-0015
Note—46p.
Available from—Syracuse University Printing Services, 125 College Place, Syracuse, NY 13210 (IR-42; $4.50 prepaid)
Pub Type— Reference Materials - Bibliographies (131) — Information Analyses (070)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—Bibliographies, *Information Sources, Librarians, Libraries, Library Collections, *Library Role, *Sex Education, *Sexuality
Identifiers—Information Analysis Products
Intended to aid librarians who are building collections of information about human sexuality, this selected list of references is introduced by an essay on the myths of sexual knowledge, the role of parents, the public's attitudes toward sex education, and the role of libraries. The list itself encompasses these areas: (1) resources for libraries; (2) books and pamphlets for parents; (3) publications for children, teenagers, and young adults; (4) publications for school teachers, administrators, and board members; (5) the history of sexual attitudes; (6) pornorgaphy; (7) sexual molestation; (8) sexuality and the handicapped; (9) special parent situations; (10) sexual identity; (11) books of readings; and (12) sexual sensitivity and problem solving. (FM)

ED 180 505 IR 008 180
Morris, Jacquelyn M.
Bibliographic Instruction in Academic Libraries. A Review of the Literature and Selected Bibliography.
Syracuse Univ., N.Y. ERIC Clearinghouse on Information Resources.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Contract—400-77-0015
Note—54p.
Available from—Syracuse University Printing Services, 125 College Place, Syracuse, NY 13210 (IR-43; $4.75)
Pub Type— Information Analyses (070) — Reference Materials - Bibliographies (131)
EDRS Price - MF01/PC03 Plus Postage.
Descriptors—*Academic Libraries, Bibliographies, Individualized Instruction, *Instructional Materials, Library Guides, *Library Instruction, Multimedia Instruction, Program Descriptions, State of the Art Reviews, *Subject Index Terms, *Teaching Methods, Workbooks
Identifiers—Information Analysis Products
This overview of bibliographic instruction (B.I.) in college and university libraries provides a brief review of the literature, proposes an indexing language based on the special terminology of the field for more precise literature searches, and presents a 174-item bibliography of journal articles, books, and ERIC documents. The literature review defines terms and addresses six topics: the concept of B.I., reasons for renewed interest in the field, the role of library schools in B.I., instructional methods, and the literature of B.I. Explanations are offered for selected indexing terms, with emphasis on those that can have multiple meanings in various contexts, and the subject index for the bibliography illustrates the application of the proposed terms. Arranged in alphabetical order by author, the bibliography includes resources in six categories: general works on B.I., planning and implementation of programs, methods of instruction, samples of materials, descriptions of specific programs, and foreign language articles. Seven titles of special interest to community college librarians are included, as well as one citation specifically for vocational technical school librarians. (BBM)

JC

ED 162 712 JC 790 018
Lombardi, John
Community College Financing in the Post-Proposition 13 Era. Junior College Resource Review.
California Univ., Los Angeles. ERIC Clearinghouse for Junior Coll. Information.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Jan 79
Note—8p.
Pub Type— Reference Materials - Bibliographies (131)
EDRS Price - MF01/PC01 Plus Postage.
Descriptors—Access to Education, Budgeting, Capital Outlay (for Fixed Assets), Community Colleges, *Educational Finance, Enrollment Trends, *Financial Problems, Financial Support, Governance, *Junior Colleges, Property Taxes, *Resource Allocations, *Retrenchment, Revenue Sharing, State Aid, Tax Allocation, *Tax Support, Tuition
Identifiers—Information Analysis Products, Proposition 13 (California 1978)
Tax reduction and limitation of government spending issues dominated the November 1978 state and national elections. What effect the propositions will have on community college financing will not be known for some time. Three principal sources of college revenue–property tax, state appropriations, tuition and fees–account for most of the funds in the categories of capital outlay financing and current operating financing. The manner in which state funds are allocated offers four funding alternatives: negotiated budget, unit rate formula, minimum foundation or equalization, or cost-based program. Whatever the funding pattern, the amount of money allocated is related to the number of full-time student or faculty equivalents or the number of student credit hours. In recent years legislators and governors have placed limits on the amount allocated to colleges. Especially unfortunate consequences were seen in the curtailing of non-credit courses; loss of local autonomy; decrease in the number of locally-supported colleges; lessened commitment to the Open Door policy; and increases in tuition and fees. A positive effect is the increased concern with educational mission and function, and with governance. A bibliography is included. (AYC)

ED 164 056 JC 790 064
Brawer, Florence M.
Trends in Ethnic Enrollments. Junior College Resource Review.
California Univ., Los Angeles. ERIC Clearinghouse for Junior Coll. Information.
Spons Agency—Office of Education (DHEW), Washington, D.C.
Pub Date—Feb 79
Note—6p.
Pub Type— Reference Materials - Bibliographies (131)
EDRS Price - MF01/PC01 Plus Postage.
Descriptors—Bilingual Education, Community Colleges, *Enrollment Trends, *Ethnic Groups, Faculty Recruitment, *Junior Colleges, *Literature Reviews, *Minority Groups, Program Evaluation, Special Programs, Student Characteristics, Student Recruitment
Identifiers—Information Analysis Products
Some of the issues relating to ethnic enrollments in community and junior colleges are discussed in terms of the recent literature on recruitment, access, finances, effects, and, to a lesser extent, in terms of the development of special programs and curriculums for special students. Brief summaries are provided of reports focusing on practical and financial aspects of recruiting students, program evaluations, and of descriptions of bilingual programs. Allusions are made to general reports providing information on program development, questions of bias, the assessment of student populations in terms of ethnicity, descriptions of methods of recruiting and retaining minority faculty, and reviews of court cases relating to Title IV of the Civil Rights Act of 1964. A bibliography listing the ERIC documents cited in this review is included. (Author/MB)

ED 165 858 JC 790 133
Lombardi, John
Four Phases of Developmental Education. Junior College Resource Review.
California Univ., Los Angeles. ERIC Clearinghouse for Junior Coll. Information.
Spons Agency—Office of Education (DHEW), Washington, D.C.
Pub Date—Mar 79
Note—6p.
Pub Type— Reference Materials - Bibliographies (131)
EDRS Price - MF01/PC01 Plus Postage.
Descriptors—*Adult Basic Education, Community Colleges, Compensatory Education, *Developmental Programs, *Educationally Disadvantaged, Enrollment Trends, *Handicapped Students, *Junior Colleges, Literature Reviews, Program Descriptions, *Remedial Programs, Transfer Programs
Identifiers—Information Analysis Products
Four types of developmental education programs have been designed to help students overcome or compensate for: (1) deficiencies in grades or subjects required for admission to a senior institution or to colleges and transfer programs (Pre-Transfer); (2) deficiencies in reading, writing, speech, arithmetic, study habits, motivation, and other personality traits (Remedial); (3) deficiencies in literacy and in basic skill subjects necessary for a high school diploma (Adult Basic Education-ABE); and (4) physical or mental handicaps that impose limitations on the functioning of students academically or socially (Handicapped). The four types of programs support the traditional community college role in preparing the academically, economically, socially, or physically disadvantaged for entering the mainstream of American life. The present trend is toward integrating the various developmental programs with the regular programs. Pre-Transfer is most closely allied with the regular program and ABE least integrated. The Remedial Program tends to focus on high school graduates or recent dropouts who are slightly older than the regular students. The Handicapped Program includes three principal classifications of students: the blind or visually handicapped, the deaf or hearing impaired, and the mobility-impaired. (Author/MB)

ED 169 973 JC 790 272
King, Maxwell C., Ed. Breuder, Robert L., Ed.
Advancing International Education. New Directions for Community Colleges, Number 26.
California Univ., Los Angeles. ERIC Clearinghouse for Junior Coll. Information.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Note—134p.; May be marginally legible due to small print
Available from—Jossey-Bass, Inc., Publishers, 433 California Street, San Francisco, California 94104 ($5.95)
Journal Cit—New Directions for Community Colleges; v7 n2 1979
Pub Type— Collected Works - General (020)
EDRS Price - MF01/PC06 Plus Postage.
Descriptors—College Curriculum, *College Role, Community Colleges, Exchange Programs, Foreign Students, *Intercultural Programs, *International Education, *International Educational Exchange, International Relations, *Junior Colleges, Program Planning, Staff Improvement
Identifiers—Information Analysis Products
Twelve essays examine issues related to community college involvement in international education. Hugh Adams explores the role of community colleges in international education. S. V. Martorana and William Shannon present a framework for program planning. Sydney Grant examines strategies for internationalizing the curriculum. Seymour Fersh discusses the advantages of cultural studies and their implications for educational change. Raymond Schultz and Roland Terrell examine international options for staff development. Thomas Diener and Lornie Kerr delineate the responsibilities of two-year colleges to their foreign students. Piedad Robertson and John Rogers stress the importance of providing instruction to develop proficiency in English. Frederick Kintzer reports upon the way in which the community college concept has been adapted to higher education needs in other countries. Rose Hayden points to possibilities for federal support of international education. John Mundt urges state boards of education to address the policy questions of international/intercultural

education. Fred Harrington and Shirley Clarkson discuss education cooperation in relation to international communication and understanding. Benjamin Wygal suggests practical approaches to program planning and implementation. Andrew Hill's bibliography provides additional references pertinent to international education and two-year colleges. (MB)

ED 170 015 JC 790 336
Lombardi, John
Changing Administrative Relations Under Collective Bargaining. Junior College Resource Review.
California Univ., Los Angeles. ERIC Clearinghouse for Junior Coll. Information.
Spons Agency—Office of Education (DHEW), Washington, D.C.
Pub Date—Jun 79
Note—8p.
Pub Type— Information Analyses (070)
EDRS Price - MF01/PC01 Plus Postage.
Descriptors—*Administrator Role, *Collective Bargaining, *College Administration, College Faculty, Community Colleges, *Junior Colleges, Literature Reviews, Middle Management, Negotiation Agreements, *Teacher Administrator Relationship, Teacher Participation, Unions
Identifiers—*Information Analysis Products
Collective bargaining in community colleges has spread throughout the country since 1966 when the first strike occurred in Michigan. Today, around one-third of public community colleges are operating under such agreements. Collective bargaining changes an informal faculty-administration relationship of unequals into a formal one of nearly equal parties. Because many policies and procedures are spelled out in contracts, administrators may be reduced to ministerial functionaries, especially in areas dealing with salaries, working conditions, and welfare provisions. Except for those in the top ranks, administrators have limited influence in the negotiating process. This deterioration of middle-management influence, plus the improvement of the faculty position through collective bargaining, has caused middle-managers as well to seek benefits through the collective bargaining process. Collective bargaining is accentuating the trend toward greater state control by increasing the authority of the state executive branch in all matters subject to negotiation. One must conclude that collective bargaining is here to stay and that most administrators are making adjustments to the new order. Collective bargaining has not destroyed collegiality, and many ways remain for administrators to demonstrate leadership. (MB)

ED 171 334 JC 790 212
Cohen, Arthur M., Ed.
Shaping the Curriculum. New Directions for Community Colleges, Number 25.
California Univ., Los Angeles. ERIC Clearinghouse for Junior Coll. Information.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Note—125p.
Available from—Jossey-Bass, Inc., Publishers, 433 California Street, San Francisco, California 94104 ($5.95)
Journal Cit—New Directions for Community Colleges; v7 n1 Spr 1979
Pub Type— Collected Works - Serials (022) — Opinion Papers (120) — Guides - Non-Classroom (055)
EDRS Price - MF01/PC05 Plus Postage.
Descriptors—Change Strategies, *College Curriculum, Community Colleges, Curriculum Design, *Curriculum Development, Curriculum Evaluation, *Curriculum Planning, Educational Objectives, Evaluation Methods, *General Education, Guidelines, *Junior Colleges, Needs Assessment, Vocational Education
Identifiers—Information Analysis Products
Members of the Council of Universities and Colleges present recommendations and practical strategies in the area of curriculum development in this monograph. Louis Bender discusses strategies for curriculum revision. James Wattenbarger and Sandra Scagge relate organization theory to the process of curriculum change. Raymond Schultz and Carl Webb offer a curriculum evaluation model. Paul Starnes and Fred Wellman recount ways in which the various state agencies influence curricula. Several authors discuss the process of curriculum formation in the context of specific programs. Richard Richardson, Jr., Mike Svaco, and Stewart Rooth present a case study in career education. Sig Rislov shows how the community college president should talk with industrial leaders in order to better shape curriculum. Richard Rinehart describes the process of defining goals. Other authors consider ways of formulating plans for general education. James Hammons presents the results of a survey asking deans how they perceive general education. Walter Hunter offers arguments in favor of a competency-based general education program. Al Smith and Janette Martin argue for developing the integrated teaching of values. Arthur Cohen discusses issues in curriculum formation for the 1980's. Andrew Hill contributes an annotated bibliography. (Author)

ED 172 854 JC 790 387
Brawer, Florence B. Friedlander, Jack
Science and Social Science in the Two-Year College. Topical Paper Number 69.
California Univ., Los Angeles. Graduate School of Library and Information Science.; Center for the Study of Community Colleges, Los Angeles, Calif.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.; National Science Foundation, Washington, D.C.
Pub Date—Jul 79
Grant—SED-77-18477
Note—37p.
Pub Type— Reports - Research (143) — Information Analyses (070)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—College Curriculum, Community Colleges, Course Objectives, Curriculum Design, Curriculum Evaluation, Curriculum Problems, Enrollment, Instructional Media, *Junior Colleges, National Surveys, *Science Courses, *Science Curriculum, *Science Instruction, Science Teachers, Scientific Literacy, *Social Sciences, State of the Art Reviews, Student Science Interests, Surveys, Teaching Methods
Identifiers—Information Analysis Products
The findings and conclusions of a study of curriculum and instruction in two-year college social science, science, and science-related technology programs are summarized in three sections. The first selects from 1977-1978 curriculum data which were gathered from catalogs and class schedules of a representative national sample of 175 two-year colleges. Focus is placed on enrollments, and the availability and types of courses for transfer and occupational students, non-science majors, and students in developmental programs, revealing many introductory courses, few remedial courses, and an overall emphasis on serving students already disposed to the sciences. The second section deals with the courses themselves, based upon the results of an instructor survey mailed to 1,275 science and social science faculty members. Selected findings related to various subject areas are provided in terms of numbers of class sections, average class enrollments and completions, course level and objectives, use of instructional media and class activities, grading and examination practices, and instructor characteristics. Traditional teaching methods were found to predominate. The final section reviews the major findings and makes recommendations, stressing the role of the community college in improving science and social science literacy. The instructor survey instrument and responses are appended. (DR)

ED 172 864 JC 790 401
Cohen, Arthur M.
Counting the Transfer Students. Junior College Resource Review.
California Univ., Los Angeles. ERIC Clearinghouse for Junior Coll. Information.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Jul 79
Note—6p.
Pub Type— Information Analyses (070) — Reports - Descriptive (141)
EDRS Price - MF01/PC01 Plus Postage.
Descriptors—College Credits, *Data Collection, *Definitions, *Information Sources, Institutional Research, Junior Colleges, *Postsecondary Education, Recordkeeping, Research Needs, *Research Problems, Research Reviews (Publications), State Surveys, Statistical Data, Student Mobility, Transfer Policy, *Transfer Students, Universities
Identifiers—Information Analysis Products
Accurate data on the number of students who transfer from two-year colleges to senior colleges are not available because the ways of counting transfers vary greatly from system to system and state to state. While most studies define transfer students as those who have taken courses at a community college and subsequently enroll at a senior institution, there is little agreement as to the number of units that must be taken before the student achieves transfer status. Statewide definitions range from 30 semester credit hours to one quarter hour of credit—some states set no credit hour limits at all. Methods of collecting the data on transfers also vary depending upon whether the researcher is based at a community college or at a state office. Data obtained by college-based researchers are frequently invalidated by low response rates to surveys due to the high mobility of community college students. Non-returning students and interstate transfers are especially difficult to trace. In cases where the community colleges rely exclusively upon the universities in their region for transfer information, figures are particularly misleading due to missing and incomplete data and other imbalances caused by variations in data collection methods. Tracing students who "stop in" and "stop out" of different types of postsecondary institutions continues to be a problem as data collection systems do not accommodate them. A bibliography is included. (DR)

ED 172 894 JC 790 444
Friedlander, Jack
Developmental Mathematics. Junior College Resource Review.
California Univ., Los Angeles. ERIC Clearinghouse for Junior Coll. Information.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Aug 79
Note—6p.
Pub Type— Information Analyses (070)
EDRS Price - MF01/PC01 Plus Postage.
Descriptors—College Credits, *College Mathematics, Community Colleges, Developmental Programs, *Junior Colleges, Mathematics Curriculum, Mathematics Instruction, Mathematics Teachers, *Remedial Instruction, *Remedial Mathematics, Research Reviews (Publications), Student Placement, Teaching Methods
Identifiers—Information Analysis Products
A review of recent major studies of two-year college developmental mathematics programs shows that there has been much experimentation in curricular offerings, course formats, and instructional approaches, including expanded content related to the students' major fields, and the use of short courses and mini-courses. However, while many instructors are experimenting with new approaches, the traditional classroom-lecture-textbook format remains the dominant mode of instruction. In addition, most programs rely on voluntary enrollment by students rather than outreach or recruitment and instructors are frequently assigned by random selection and rotation. Considerable inconsistency exists in college policies regarding the granting of academic credit for these remedial courses, with one study reporting two-thirds of nationwide community colleges offering credit. Two-year colleges need to design developmental programs to deal effectively with such problems as widespread avoidance of basic mathematics by students, inadequate achievement levels, and high attrition rates. In an effort to increase the effectiveness of their programs, colleges should consider the use of highly motivated and interested instructors, special preparatory training for these instructors, support for teachers to develop innovative instructional methods and materials, and close evaluation of remedial mathematics programs. (DR)

ED 175 520 JC 790 523
Walsh, Patricia Ann, Ed.
Serving New Populations. New Directions for Community Colleges, Number 27.
California Univ., Los Angeles. ERIC Clearinghouse for Junior Coll. Information.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Note—114p.
Available from—Jossey-Bass, Inc., Publishers, 433 California Street, San Francisco, California 94104 ($5.95)
Journal Cit—New Directions for Community Colleges; v7 n3 Fall 1979
Pub Type— Collected Works - Serials (022) — Opinion Papers (120) — Reports - Descriptive (141)

EDRS Price - MF01/PC05 Plus Postage.
Descriptors—*Access to Education, Adult Education Programs, Aurally Handicapped, Community Colleges, Females, Gerontology, *Handicapped Students, Junior Colleges, *Junior College Students, *Nontraditional Students, *Older Adults, Paraprofessional Personnel, Physically Handicapped, Program Descriptions, Rural Education, *Womens Education
Identifiers—Information Analysis Products

Improving the reponsiveness of community colleges to the needs of non-traditional students is the topic of 14 essays, grouped into sections focusing on older adults, the handicapped, and women. David Demko describes a program designed to integrate older adults into a community college's service population. Jared Sharon provides guidelines for instituting an emeritus college. James Bellis and Lawrence Poole describe the development and operation of a multi-disciplinary center for gerontology. The use of a consortium approach to delivering educational opportunities to senior adults is discussed by Josephine Knight. A section on community college education for the handicapped begins with Barbara Reid's outline of the steps involved in implementing a comprehensive program. Costas Boukouvalas and Melvin Gay consider the provision of services to the hearing-impaired. Grace Hodgson describes the role of paraprofessionals in working with handicapped individuals. Virginia Lockhart, Alison Caughman, Shirley Woodie and Mary Bauer, Anne Stewart, Maxwell King and Muriel Elledge-Heimer, and Patricia Walsh contribute articles to the section on programs designed for women. Issues under consideration include: reentry education, non-traditional careers, special needs of rural women, equity, innovative delivery systems, and directions for the future. An ERIC review of sources and information concludes the monograph. (DR)

ED 178 146 JC 790 636
Cosand, Joseph P.
Perspective: Community Colleges in the 1980s. Horizon Issues Monograph Series.
American Association of Community and Junior Colleges, Washington, D.C.; American Association of Community and Junior Colleges, Washington, D.C. Council of Universities and Colleges.; California Univ., Los Angeles. ERIC Clearinghouse for Junior Coll. Information.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Jul 79
Note—63p.
Available from—Council of Universities and Colleges, One Dupont Circle, N. W., Washington, DC 20036 ($5.00)
Pub Type— Opinion Papers (120)
EDRS Price - MF01/PC03 Plus Postage.
Descriptors—Administrator Role, College Administration, College Faculty, *College Planning, College Programs, College Role, Community Colleges, Educational Accountability, *Educational Assessment, *Educational Planning, Financial Problems, *Financial Support, Futures (of Society), Institutional Research, *Junior Colleges, Junior College Students, Nontraditional Students, Political Influences, School Holding Power, Student Characteristics, Student Needs, Student Recruitment, Teacher Role

Community colleges are being challenged to plan ahead, and to be aware of and to anticipate the pressures of declining resources, changing student profiles and interests, and more competition for students and funds. In response to changing student characteristics, colleges must begin careful curriculum planning to provide students with transfer, occupational/technical, developmental, and community education programs to meet their needs. Another important challenge of the 1980's will be that of attracting students and retaining them. An understanding of marketing will be essential to student recruitment, just as an understanding of the roles of counseling, the library, teaching, and access to educational services is important to student retention. Assessing college operations will also be a vital activity in the 1980's, especially in the areas of presidential, board, and administrative leadership; faculty and support staff responsibilities; and communication with the community and the state government. Before the 1980's bring further reductions in resources, colleges must develop plans to allocate resources, to avoid duplication of effort, to use space effectively, to compete for needed resources, and to investigate alternative methods of financial support. A final issue for the 1980's will be an increased emphasis on accountability of the board, president, and faculty. (AYC)

ED 178 149 JC 790 640
Lahti, Robert E., Ed.
Managing in a New Era. New Directions for Community Colleges. Number 28.
California Univ., Los Angeles. ERIC Clearinghouse for Junior Coll. Information.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Note—113p.; Pages 38-39 were removed due to poor reproducibility
Available from—Jossey-Bass, Inc., Publishers, 433 California St., San Francisco, CA 94104 ($5.95)
Journal Cit—New Directions for Community Colleges; v7 n4 Win 1979
Pub Type— Collected Works - Serials (022) — Opinion Papers (120)
EDRS Price - MF01/PC05 Plus Postage.
Descriptors—Collective Bargaining, *College Administration, College Role, Community Colleges, *Educational Administration, Educational Finance, *Educational Objectives, General Education, *Human Resources, Institutional Research, *Junior Colleges, *Leadership, Management Systems, Marketing, Personnel Management, Presidents, Staff Utilization, Teacher Administrator Relationship, Trustees
Identifiers—Information Analysis Products

Approaches to creative, modified, and new management strategies and practices are offered as justifications for the continued development of effective and responsive community colleges. Judith S. Eaton describes the dangers in isolating academic concerns from management decision processes. Dorothy M. Burns advocates centralization of human resource services and mainstreaming academic personnel administration. Karl J. Jacobs describes the new style of administration evolving from collective bargaining and the promise of maturing leadership, teamwork, and political acumen. William J. Mann suggests that financial managers begin to educate college personnel to needs assessment processes related to maximizing scarce resources in an era of retrenchment. Ernest R. Leach assesses consumer needs in relation to student development and college service areas. Dennis L. Johnson offers insights into communicating a marketing process to all college personnel with an eye toward increasing enrollments. Richard L. Spencer deals with the role of institutional research in institutional renewal, planning, management, and evaluation systems. Richard T. Ingram describes current and future roles and responsibilities of college presidents and board members. Roseann Cacciola reviews ERIC literature on the topic of effective management of college resources to meet new educational goals. (RC)

ED 179 273 JC 800 017
Lombardi, John
The Decline of Transfer Education. Topical Paper Number 70.
California Univ., Los Angeles. ERIC Clearinghouse for Junior Coll. Information.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Dec 79
Contract—400-78-0038
Note—37p.
Pub Type— Information Analyses (070)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—Adult Education, Bibliographies, *College Role, Community Colleges, *Educational Trends, Enrollment Influences, *Enrollment Trends, Full Time Students, Humanities, *Junior Colleges, Minority Groups, Part Time Students, State of the Art Reviews, State Surveys, Student Characteristics, Teacher Attitudes, *Transfer Programs, *Transfer Students, Urban Universities, Vocational Education
Identifiers—Information Analysis Products

As enrollment in transfer programs and the relative number of students who transfer to four-year institutions decrease, transfer education is losing its preeminence as the principal function of the community college. From 1907 to 1940, transfer education comprised 60-70% of enrollment and maintained its preeminence through the mid 1960's. By 1973, however, its share of total enrollment dropped to 43%. Although college and state board studies rarely explore the question of the ideal percentage of transfers, they do indicate that the growth rate for transfers has been lower than that for enrollment and that full-time students are more likely to enroll in transfer programs than part-timers. Therefore, states with a high proportion of part-time students, as well as low selective admission policies and large minority populations, will have a lower percentage of transfer students. Other forces detrimental to transfer education are: (1) the increasing demand for vocational education, (2) the growth of new curricular functions such as continuing education, (3) the need to provide remedial education, (4) the competition for students with four-year institutions, and (5) the aging of the student body. However, the reluctance of educators to break their ties with higher education and the increased demands for improved humanities curricula will assure transfer education a vital, though smaller, role at the community college. (JP)

PS

ED 164 102 PS 010 284
Katz, Lilian G.
Helping Others Learn to Teach: Some Principles and Techniques for Inservice Educators.
ERIC Clearinghouse on Early Childhood Education, Urbana, Ill.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Jan 79
Contract—400-78-0008
Note—43p.; Based on presentation given by the author and James D. Raths at the symposium on Teaching Relationships (Silver Spring, Maryland, February 1978); Parts may not reproduce clearly due to light type
Available from—ERIC Clearinghouse on Early Childhood Education, University of Illinois, 805 West Pennsylvania Avenue, Urbana, Illinois 61801 (Catalog #181, $2.00)
Pub Type— Speeches/Meeting Papers (150)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—Child Care Workers, *Educational Principles, *Effective Teaching, Higher Education, *Inservice Teacher Education, Postsecondary Education, Preschool Teachers, Teacher Attitudes, *Teacher Educator Education, *Teaching Techniques
Identifiers—Child Development Associate

Some principles, assumptions, and teaching techniques related to inservice education are presented in this paper for teacher educators who work with teachers or caregivers, Child Development Associate graduates or prospective teachers. The following principles for the selection of interactional focus are identified and discussed: (1) the teacher's understanding of her own situation; (2) strengthening (the teachers) worthwhile dispositions; (3) teacher competencies already acquired; (4) building long term relationships; and (5) providing moderate amounts of inspiration. General techniques for working with teachers are described under the following headings: (1) maintain an optimal distance between yourself and the teachers you are working with; (2) cultivate the habit of suspending judgment on what you observe; (3) phrase suggestions in experimental form; (4) avoid the temptation to stop a pattern behavior; (5) help the teacher to re-define her job so that it is achievable; (6) act as a neutralizer of conflicts; (7) use demonstrations of your own skills cautiously; (8) share your understanding of how a teacher sees you; and (9) resist the temptation to "use" teachers to get to the children. Concluding comments suggest useful assumptions for teachers. (SE)

ED 164 125 PS 010 325
The Development and Education of Children Outside the United States: An ERIC Abstract Bibliography.
ERIC Clearinghouse on Early Childhood Education, Urbana, Ill.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Jan 79
Contract—400-78-0008
Note—26p.
Available from—ERIC Clearinghouse on Early Childhood Education, University of Illinois, 805 West Pennsylvania Avenue, Urbana, Illinois 61801 (Catalog #180, $2.00)
Pub Type— Reference Materials - Bibliographies (131)

EDRS Price - MF01/PC02 Plus Postage.
Descriptors—*Annotated Bibliographies, Children, *Child Welfare, Day Care Services, *Early Childhood Education, *Foreign Countries, Preschool Education, *Program Descriptions, Research

This abstract bibliography cites recent ERIC documents and journal articles concerned with the education and development of young children in countries other than the United States. Included are research reports, descriptions of programs and services, and government projects and policies relating to children's health, education and welfare. Entries include resumes from "Resources in Education" (RIE), 1975 through 1978, and citations from "Current Index to Journals in Education" (CIJE), 1976 through 1978. (Author/RH)

ED 165 885 PS 010 331
Baskin, Linda B., Comp.
Attachment and Children: Citations From Selected Data Bases.
ERIC Clearinghouse on Early Childhood Education, Urbana, Ill.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Jan 79
Contract—400-78-0008
Note—40p.
Available from—ERIC Clearinghouse on Early Childhood Education, University of Illinois, 805 West Pennsylvania Avenue, Urbana, Illinois 61801 (Catalog #183, $2.50)
Pub Type— Reference Materials - Bibliographies (131)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—*Attachment Behavior, *Bibliographies, Child Abuse, *Children, *Data Bases, Day Care Services, Handicapped Children, Hospitalized Children, Infants, Neonates, Parent Child Relationship, Peer Relationship, Preschool Children, *Search Strategies

This bibliography compiles citations from seven selected data bases on the topic of attachment and children. The citations are grouped into eight categories: (1) Attachment – General; (2) Institutions – Hospitals, Prisons; (3) Day Care and Attachment; (4) Handicapped Children and Attachment; (5) Separation; (6) Child Abuse and Attachment; (7) Peer Attachment; (8) Neonatal Attachment. Each citation lists the title of the document, author, source of publication, descriptors, identifiers and data base(s) in which the citation appears. The data bases are ERIC, Psychological Abstracts, Exceptional Child Education, MEDLINE, Social Science Citation Index, Agricola, Sociological Abstracts. The introduction to the bibliography discusses the strategy used in searching these data bases by computer and offers some observations on searching multiple data bases. (Author/SE)

ED 167 241 PS 010 330
Watkins, Charlotte H., Comp.
Day Care Update: Programs, Policy and Research. An ERIC Abstract Bibliography.
ERIC Clearinghouse on Early Childhood Education, Urbana, Ill.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Jan 79
Contract—400-78-0008
Note—48p.
Available from—ERIC Clearinghouse on Early Childhood Education, University of Illinois, 805 West Pennsylvania Avenue, Urbana, Illinois 61801 (Catalog #182, $3.00)
Pub Type— Reference Materials - Bibliographies (131)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—Annotated Bibliographies, *Child Care Centers, *Day Care Services, Early Childhood Education, *Parent Participation, *Policy Formation, *Program Planning, Staff Role
Identifiers—Information Analysis Products

This abstract bibliography cites approximately 100 ERIC documents and journal articles, all dating from 1977 or 1978, concerning day care for children. Seven broad topics are covered: program planning and management; staff characteristics, roles and training; parent values and involvement; special types of day care (including school age day care, infant/toddler day care, drop-in or crisis care, and campus day care); research on the effects of day care on children; federal and state policies and standards; and day care in countries other than the United States. Each document or article is listed under its major focus, although it may include information on one or more of the other topics as well. Document citations, drawn from "Resources in Education (RIE)," include abstracts of up to 200 words. Article citations are drawn from "Current Index to Journals in Education (CIJE)"; most include brief annotations. Information for obtaining each document or article is provided either in the citation or at the end of the bibliography. (Author/MP)

ED 170 021 PS 010 324
Rothenberg, Dianne, Comp.
Directory of Educational Programs for Adults Who Work With Children.
ERIC Clearinghouse on Early Childhood Education, Urbana, Ill.; National Association for the Education of Young Children, Washington, D.C.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Mar 79
Contract—400-78-008
Note—104p.
Available from—National Association for the Education of Young Children, 1834 Connecticut Avenue, N.W., Washington, D.C. 20009 ($3.00, plus $0.30 shipping)
Pub Type— Reference Materials - Directories/ Catalogs (132)
EDRS Price - MF01/PC05 Plus Postage.
Descriptors—*Child Development, Colleges, Directories, *Early Childhood Education, *Educational Programs, Higher Education, Junior Colleges, Postsecondary Education, *Preschool Education, Schools of Education, *Teacher Education, Technical Institutes, *Training, Universities
Identifiers—*CDA Credential

This directory provides information on programs in child development and early childhood education offered at technical colleges, two- and four-year colleges, and universities at both the undergraduate and graduate levels. Included in each entry are the institution's name and mailing address, a listing of degrees offered in the areas of child development and/or early childhood education, and the name of a person connected with the program to whom inquiries for additional information can be directed. If an institution offers courses directly related to preparation for the Child Development Associate (CDA) credential, this fact is also noted. Entries are based on data supplied by more than 700 institutions in the United States, Guam and Puerto Rico which responded to the compiler's request for information. (Author/MP)

ED 174 352 PS 010 780
Henniger, Michael L., Comp.
Parent Involvement in Education: A Bibliography.
ERIC Clearinghouse on Elementary and Early Childhood Education, Urbana, Ill.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—May 79
Contract—400-78-0008
Note—100p.
Available from—ERIC Clearinghouse on Elementary and Early Childhood Education, College of Education, University of Illinois, Urbana, Illinois 61801 (Catalog #184, $5.00)
Pub Type— Reference Materials - Bibliographies (131)
EDRS Price - MF01/PC04 Plus Postage.
Descriptors—Bibliographies, *Education, *Evaluation, *Methods, *Objectives, Parent Counseling, Parent Education, *Parent Participation, Parent Responsibility, Parent School Relationship, Parent Teacher Cooperation

This comprehensive bibliography on parent involvement in education includes published and unpublished materials on this topic dating from January 1970 through October 1978. References were gathered from the following sources: "Education Index," "Reader's Guide to Periodical Literature," "Books in Print," and the ERIC data base ("Current Index to Journals in Education" and "Resources in Education"). References are listed alphabetically by author for books, journals, and magazines; ERIC documents are listed by ED numbers. The bibliography is organized into the follow categories: Benefits, Goals, Rationale for Involvement, Books on Parent Involvement, Communicating with Parents, Evaluation of Involvement, Ideas for Involvement, Parents as Decision-Makers, Parents as Teachers, Parent Involvement Programs, Parents' Rights and Responsibilities, and Suggestions to Parents for Involvement. (Author/MP)

RC

ED 164 227 RC 011 068
de la Rosa, Raul Hackett, Eugene deG.
National Migrant Education Program Math Skills Information System.
New Mexico State Univ., University Park. ERIC Clearinghouse on Rural Education and Small Schools.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Jan 79
Contract—NIE-R-78-0003
Note—37p.
Available from—National Educational Laboratory Publishers, Inc., 813 Airport Blvd., Austin, Texas 78702 (Stock No. EC-070, $3.50)
Pub Type— Reports - Descriptive (141)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—Basic Skills, *Data Bases, Display Systems, Elementary Education, Information Needs, *Information Systems, Information Utilization, Input Output, Mathematical Concepts, Mathematical Experience, *Mathematics, Mathematics Education, *Migrant Education, Migrants, *On Line Systems, *Skills, Student Evaluation, Teacher Role
Identifiers—Migrant Student Record Transfer System, *National Migrant Educ Prog Math Skills Info System

The educational background and issues which shaped the design of the National Migrant Education Program Math Skills Information System are explained in this report, along with a full description of the features of the system and its operation. It discusses the variety of math skills information used to permit teachers to input and receive math skills information about migrant students in order to insure continuity of education. Discussion covers the (1) issues and factors affecting the design of the Migrant Student Record Transfer System (MSRTS) Math Skills Information System–its users, skills information needs, math skills hierarchy, continuity, "proper" math skills; (2) background and design considerations of the MSRTS Math Skills List–nature of math as a subject matter, anatomy of a math skill statement, selection of the level of detail at which to define math skills; (3) structure of the MSRTS Math Skills List–areas, topics, subtopics, skills, code structure, sequence of skills; (4) continuity and user information needs–need to know status of student regardless of teaching methods used; (5) Math Skills Information System reports (displays) and reference documents–volume of information, mini-skills lists, level of detail for reports, standard displays, standing orders; and (6) the system's operation. Also included are samples of reports and queries. (RS)

ED 167 305 RC 011 178
Miller, Don, Ed. Miller, Barbara, Ed.
Time and Resource Management for Small Schools.
New Mexico State Univ. University Park. ERIC Clearinghouse on Rural Education and Small Schools.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Contract—NIE-R-78-0003
Note—82p.
Available from—National Educational Laboratory Publishers, Inc., 813 Airport Blvd., Austin, Texas 78702 (EC-072; $6.25)
Pub Type— Guides - Non-Classroom (055) — Collected Works - General (020)
EDRS Price - MF01/PC04 Plus Postage.
Descriptors—Administrator Guides, *Administrator Role, Career Education, Composition Skills (Literary), Curriculum Development, Elementary Secondary Education, Independent Study, *Management Development, Music Education, Reading, *Resources, School Schedules, Science Instruction, Slow Learners, *Small Schools, Social Studies, *Staff Utilization, *Time, Volunteers
Identifiers—Information Analysis Products

Effective time and resource management is a necessity in all schools, particularly in small schools which make so many kinds of demands on each staff member. To successfully meet the challenge of providing a quality education in a small school, every available resource should be used, the staff and community surveyed to determine special skills or interests that can be shared with students, and communication lines developed and maintained among

staff, students, administration and community. This document is a collection of materials by practitioners on managing time and resources. The first section, which is devoted to time management, presents papers on time management for administrators and teacher-managers, team management, time management in the elementary school, student scheduling, and independent study. The section on resource management deals with people management, community schools, group guide counseling, volunteer aides, facility development, planning, curriculum review and change, the relationship of the brain/mind and implications for education, and implementing Public Law 94-142. Also discussed are career education, media skills for K-12, music, using the newspaper as a resource, reading for slow learners, science fun, social studies as one of the basics, and writing (composition) improvement techniques. Most of the chapters in this document are edited from presentations made at a 1978 small schools summer institute at Willamette University in Salem, Oregon. (Author/DS)

ED 167 317 RC 011 207
Swan, Malcolm D.
Outdoor Education: Community Studies Through Field Experiences.
New Mexico State Univ., University Park. ERIC Clearinghouse on Rural Education and Small Schools.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Feb 79
Contract—400-75-6025
Note—72p.
Available from—National Educational Laboratory Publishers Inc., 813 Airport Blvd., Austin, Texas 78702 (EC-074; $6.50)
Pub Type— Guides - Classroom - Teacher (052)
EDRS Price - MF01/PC03 Plus Postage.
Descriptors—*Community Surveys, Demonstration Programs, Experiential Learning, *Field Experience Programs, Field Instruction, Field Trips, Guides, Legal Responsibility, Organization, *Outdoor Education, *Program Descriptions, *Program Development, Program Planning, Recordkeeping, Records (Forms), Secondary Education, Student Experience, *Teaching Guides
Identifiers—*Community Studies, Information Analysis Products
Field experiences in which high school students work away from the classroom to study their own communities are often considered to be the most valuable aspect of an educational program. However, the educator who seeks to provide field experiences for students must plan and organize this program carefully. He must establish clearly defined objectives and communicate them to administrators, peers, and students. Scheduling arrangements to give students more time away from school should be arranged. The teacher must become familiar with potential "liability" problems associated with field trips and take precautions to assure the safety of his students. He should carry personal professional liability insurance. He must lay groundwork in identifying sites and approaching resource people. Students must be counseled on appropriate behavior, including proper conduct, interviewing techniques, and sensitivity to the rights, feelings and needs of those with whom they come in contact. Follow up activites should continue on the study long after student reports are turned in. This document is intended to encourage and guide teachers interested in community studies. It describes the value of such work, lists potential subject areas, and discusses exemplary community studies. Steps to organize and conduct a study are presented along with samples of questionnaires and data gathering forms. (DS)

ED 167 318 RC 011 208
Parks, Gail Sher, Jonathan P.
Imaginary Gardens? Real Problems: An Analysis of Federal Information Sources on Rural Education.
New Mexico State Univ., University Park. ERIC Clearinghouse on Rural Education and Small Schools.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Mar 79
Contract—400-75-0025
Note—49p.
Available from—National Educational Laboratory Publishers, Inc., 813 Airport Boulevard, Austin, Texas 78702 (EC-076; $6.00)
Pub Type— Information Analyses (070) — Reports - Evaluative (142)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—*Agency Role, Cultural Differences, *Data Bases, Educational Finance, *Federal Government, Government School Relationship, *Information Needs, *Information Sources, Migration Patterns, Population Trends, Rural Economics, *Rural Education, Rural Urban Differences
Identifiers—Information Analysis Products
Comprehension of the current condition of rural education is essential to national education policy and program considerations, yet rural schools go unnoticed at the federal level because of a paucity of national rural data. The changing nature of rural population, the national mandate for equal educational opportunity, and the need for a timely concept of rural development are all justifications for an expanded rural education data base. The data base should include information on student populations, the schools and school staff characteristics, and educational finance. This information should be gathered via: periodic studies of the status of rural education at the local, regional, and national level; analytic synthesis of work on many topics affecting rural students; and the routine inclusion of rural schools and students in all major congressionally mandated studies. Descriptions of 12 federal information sources–such as the Departments of HEW, Labor, and Agriculture, the Bureau of the Census, and the General Accounting Office–stress the particular strengths and weaknesses of those sources and emphasize that no one governmental source has all the information on rural education. The agency descriptions serve much as an annotated bibliography for the information seeker. Recommendations include providing for systematic collection of rural data, merging of agency data, and creating a National Center for Rural Education Studies. (SB)

ED 167 337 RC 011 234
Robbins, Rebecca
How Communities and American Indian Parents Can Identify and Remove Culturally Biased Books from Schools.
New Mexico State Univ., University Park. ERIC Clearinghouse on Rural Education and Small Schools.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Feb 79
Contract—400-78-0023
Note—25p.
Available from—National Educational Laboratory Publishers, Inc. 813 Airport Blvd., Austin, Texas 78702 (EC-071; $4.00)
Pub Type— Guides - Non-Classroom (055) — Opinion Papers (120)
EDRS Price - MF01/PC01 Plus Postage.
Descriptors—American Indians, *Bias, *Community Responsibility, *Cultural Context, Curriculum Evaluation, Curriculum Problems, Discriminatory Attitudes (Social), *Evaluation Methods, *Instructional Materials, *Parent School Relationship, Racial Discrimination, Textbook Bias, Textbook Evaluation
Identifiers—*American Indian Education, Revisionism
Removal from the schools of educational material objectionable to American Indians is a matter of concern to teachers, parents, Indian communities and organizations, and educational decision makers. To appeal to a wider market, publishers often produce materials favoring the interests of the predominant society. Thus, textbooks and other curricular materials too often portray Indian people and institutions in an inaccurate, limited, and unfair manner, thus perpetuating a distorted historical view. Indian youth and adults must attempt to eradicate such historical and cultural misinformation and bias in instructional materials. One way in which unsatisfactory instructional materials can be identified is through the use of the Project MEDIA evaluation catalog developed by the National Indian Education Association. Community members can also identify and evaluate materials by asking specific questions such as "Does the material generate a pride of heritage in Indian students?", and by obtaining Indian students' reactions to the materials. Comprehensive and well-organized requests for curriculum material removal should be presented to appropriate school decision makers and authorities, which differ with the type of school involved. The many Indian and non-Indian organizations involved in efforts to improve the education of Indian children can assist in such efforts. An alphabetical list of such organizations is included. (SB)

ED 168 759 RC 011 218
Ross, Peggy J. Green, Bernal L.
Impacts of the Rural Turnaround on Rural Education.
New Mexico State Univ., University Park. ERIC Clearinghouse on Rural Education and Small Schools.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Mar 79
Contract—400-78-0023
Note—52p.
Available from—National Educational Laboratory Publishers, Inc. 813 Airport Blvd., Austin, Texas 78702 (EC-075; $4.25)
Pub Type— Reports - Research (143)
EDRS Price - MF01/PC03 Plus Postage.
Descriptors—Behavior Problems, Case Studies, Community Leaders, Community Planning, Demography, *Educational Administration, *Educational Facilities, *Educational Finance, Migration Patterns, Population Trends, *Rural Education, Rural Resettlement, Rural Schools, Rural School Systems, Rural Urban Differences, *Social Problems, *Urban to Rural Migration
Identifiers—Information Analysis Products, Nonmetropolitan Areas
Facilities and staff, financing, administration, and social/behavioral problems are four areas of the educational systems of rural schools impacted by the rapid population growth resulting from the urban-to-rural migration begun in the 1970's and expected to last several decades. Overcrowding of facilities is a short-range problem for communities with economic and public support, but a long-range problem for those unable to initiate a satifactory solution. Greater local revenues result from greater population, yet there may be rural resistance to the ideas of urban newcomers. Short-range administrative problems and paperwork overloads occur with increased school population. Social/behavioral problems, such as discipline and alcohol misuse, also increase. Educational systems will experience both positive and negative effects of the growth process, but substantial economic and social costs can be avoided with early long-range planning. The extent to which rural community leaders should and can anticipate and respond to population growth and its resultant changes is critical. Scenarios of two different rural communities–a "boomtown" and a town exemplifying "social amenities growth"–demonstrate that the impacts of rapid growth on rural education are significantly influenced by economic and social factors in the larger community arena. (SB)

ED 168 762 RC 011 237
Sandoval, Ramona Tecumseh, Comp.
How to Search ERIC for American Indian Materials.
New Mexico State Univ., University Park. ERIC Clearinghouse on Rural Education and Small Schools.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Mar 79
Contract—400-78-0023
Note—106p.; Best copy available
Available from—National Educational Laboratory Publishers Inc., 813 Airport Blvd., Austin, Texas 78702 (EC-077; $8.00)
Pub Type— Guides - Non-Classroom (055)
EDRS Price - MF01/PC05 Plus Postage.
Descriptors—*American Indians, Computers, *Data Bases, Data Collection, Information Centers, Information Networks, *Information Retrieval, Information Seeking, Information Services, *Information Sources, On Line Systems, Resource Guides, *Search Strategies, *Subject Index Terms, Tribes, User Satisfaction (Information)
Identifiers—American Indian Task Force for ERIC CRESS, ERIC Clearinghouse on Rural Educ and Small Schools
A wide variety of educational materials regarding American Indians has been collected by the Educational Resources Information Center (ERIC) system; this guide was prepared to help anyone who is seeking that information to find it. It lists the addresses and telephone numbers of the 16 ERIC clearinghouses and the educational areas for which each is responsible. It describes ERIC's functions, what kinds of documents it uses, where the documents come from and who uses the system. Proce-

dure is given for conducting both computer and manual searches of the data base with detailed descriptions devoted to the use of descriptor and identifier retrieval terms under which all documents are indexed. A listing of the commonly used American Indian descriptors and identifiers is given. Use of the ERIC reference books, including the "Thesaurus", the monthly "Resources in Education" abstract journal, and the monthly "Current Index to Journals in Education" is also explored. Because documents may be viewed at any of the ERIC microfiche collectins, a directory of microfiche collections in all states with a significant Indian population is appended. Also included is information on how to order documents from the ERIC Document Reproduction Service. Names of American Indian organizations and publications as well as federally recognized Indian groups are also included in the appendix along with a glossary of ERIC terminology. (DS)

ED 170 078 RC 011 180
Bove, Richard
The Teacher and the Reading Skills Report for Migrant Students.
New Mexico State Univ., University Park. ERIC Clearinghouse on Rural Education and Small Schools.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Feb 79
Contract—400-78-0023
Note—83p.
Available from—National Educational Laboratory Publishers, Inc., 813 Airport Boulevard, Austin, Texas 78702 (EC 073; $4.50)
Pub Type— Reports - Descriptive (141)
EDRS Price - MF01/PC04 Plus Postage.
Descriptors—Basic Skills, Data Bases, Decoding (Reading), Elementary Secondary Education, Information Needs, *Information Systems, *Input Output, *Migrant Education, *On Line Systems, Program Descriptions, Reading Comprehension, *Reading Skills, Records (Forms), Student Evaluation, Study Skills
Identifiers—Information Analysis Products, Migrant Student Record Transfer System, *Reading Skills Report List
Through a process of refinement and field testing, a working committee of seven states, under the direction of the National Committee of State Directors of Migrant Education Programs, developed a list of reading skills/concepts that are both generic and universal. Each skill is a base, essential concept. Most skills or subskills in any reading material relate to one of these concepts. In order to make the list usable to teachers, the 47 skills are divided into three major areas: Decoding–readiness, consonants, vowels, and structural analysis; Comprehension–literal, inferential, and vocabulary; and Study Skills–reading in content area. To help the receiving teacher discern the child's level in the concept being reported, an instruction level indicator is included: K(K-1), P(1-3), I(4-6), or S(7-12). Thus, the receiving teacher is told both the skills being worked on at the time of withdrawal and the instructional level approach being used with the child. The procedures include a manual of definitions and subskills all cross-referenced to the 47 skills. The same procedures are followed to report reading in Spanish whenever a child is being taught both English and Spanish reading. Constructed of Spanish reading concepts, the Reading in Spanish Report is "not" a translation of the Reading in English Report. Focusing on the teacher, aide, or instructor who works with the child, the report relies on the sending teacher's assessment. This paper provides an overview of the development of these new reporting procedures using the Migrant Student Recording Transfer System. The essentials used by a reporting teacher are appended. (NQ)

SE

ED 167 383 SE 026 758
Higgins, Jon L., Ed.
Research Reporting Sections, Annual Meeting of the National Council of Teachers of Mathematics (57th, Boston, Massachusetts, April 18-21, 1979).
ERIC Information Analysis Center for Science, Mathematics, and Environmental Education, Columbus, Ohio.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Note—75p.; Marginally legible due to small print
Available from—Information Reference Center (ERIC/IRC), The Ohio State University, 1200 Chambers Rd., 3rd Floor, Columbus, Ohio 43212 ($2.25)
Pub Type— Information Analyses (070)
EDRS Price - MF01/PC03 Plus Postage.
Descriptors—Abstracts, Algebra, Calculation, *Concept Formation, *Educational Research, Elementary Secondary Education, Higher Education, *Instruction, *Mathematics Education, Problem Solving
Identifiers—Calculators, *Information Analysis Products, *National Council of Teachers of Mathematics
This document provides abstracts of 20 research reports. Topics covered include: children's comprehension of simple story problems; field independence and group instruction; problem-solving competence and memory; spatial visualization and the use of manipulative materials; effects of games on mathematical skills; problem-solving ability and right hemisphere processing; effects of calculator use; effects of spatial instruction; conceptualization of subtraction; cognitive processes used in problem-solving; variables discriminating good and poor problem solvers; heuristic hints and the solution processes. (MP)

ED 168 887 SE 027 518
Disinger, John F., Comp.
Alliance Affiliate Activities: Non-Governmental Organizations in Environmental Education.
ERIC Information Analysis Center for Science, Mathematics, and Environmental Education, Columbus, Ohio.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Dec 78
Note—162p.
Available from—Information Reference Center (ERIC/IRC), The Ohio State University, 1200 Chambers Rd., 3rd Floor, Columbus, Ohio 43212 ($3.50)
Pub Type— Reports - General (140)
EDRS Price - MF01/PC07 Plus Postage.
Descriptors—*Conservation Education, *Consortia, *Environmental Education, Natural Resources, *Organization, Organizational Communication, Pollution, Population Education, *Program Descriptions, Science Education, Social Sciences
Identifiers—Information Analysis Products, Non Governmental Organizations, Public Interest Groups
Short descriptions of organizational structure and goals and descriptions of environmental education interests, activities, and priorities are presented for 32 nongovernmental organizations affiliated with the Alliance for Environmental Education. The organizations included are listed in the table of contents. The groups included represent a variety of age groups and interests. Among the reports are those for the American Association of State Colleges and Universities, American Federation of Teachers, American Forest Institute, Boy Scouts of America, Girl Scouts, League of Women Voters, National Education Association, United Autoworkers, and Zero Population Growth. (RE)

ED 170 119 SE 027 515
Lovett, C. James Snyder, Ted
Resources for Teaching Mathematics in Bilingual Classrooms.
ERIC Information Analysis Center for Science, Mathematics, and Environmental Education, Columbus, Ohio.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Jan 79
Note—60p.
Available from—Information Reference Center (ERIC/IRC), The Ohio State University, 1200 Chambers Rd., 3rd Floor, Columbus, Ohio 43212 ($1.75)
Pub Type— Reference Materials - Bibliographies (131)
EDRS Price - MF01/PC03 Plus Postage.
Descriptors—*Bilingual Education, *Cultural Awareness, Elementary Secondary Education, *Instruction, *Mathematics Education, *Resource Materials, *Spanish Speaking
Identifiers—Information Analysis Products
A substantial resource is provided for those concerned with mathematics teaching in bilingual programs. Part I provides a concise overview of the issues and problems involved in the teaching of mathematics in bilingual classrooms. It begins with a brief description of the field of bilingual education and then considers the role of mathematics teaching with respect to the language of instruction, cultural referents, and certain psychological factors. Part II consists of an annotated bibliography of materials for teaching mathematics in Spanish/English programs. A list of suppliers of bilingual mathematics materials, a list of references to general bilingual materials, and a phrase list are appended. (MP)

ED 173 072 SE 027 730
Coon, Herbert L. Bowman, Mary Lynne
Energy Activities for the Classroom: Volume II.
ERIC Information Analysis Center for Science, Mathematics, and Environmental Education, Columbus, Ohio.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Dec 78
Note—165p.; For related document, see ED 130 833
Available from—Information Reference Center (ERIC/IRC), The Ohio State University, 1200 Chambers Rd., 3rd Floor, Columbus, Ohio 43212 ($3.00)
Pub Type— Guides - Classroom - Teacher (052)
EDRS Price - MF01/PC07 Plus Postage.
Descriptors—*Class Activities, Economics, *Elementary Secondary Education, *Energy, *Energy Conservation, Environmental Education, Fine Arts, Fuel Consumption, Fuels, History, *Instructional Materials, Language Arts, Mathematics Education, *Science Education, Science Materials, Scientific Concepts, Social Studies, Technology
Identifiers—*Energy Education Information Analysis Products
This resource book contains descriptions of over 100 classroom activities designed to illustrate concepts relating to energy, its production, characteristics, use, and conservations. Each activity integrates the energy lesson into a concept that relates to one or more subject areas common to public school curricula. Many of the activities included in the document were developed by public school teachers. In addition to teaching activities, an annotated bibliography of energy teaching resources available from ERIC is provided. (RE)

ED 173 113 SE 027 927
Fuson, Karen C., Ed. And Others
Explorations in the Modeling of the Learning of Mathematics.
ERIC Information Analysis Center for Science, Mathematics, and Environmental Education, Columbus, Ohio.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Mar 79
Note—249p.
Available from—Information Reference Center (ERIC/IRC), The Ohio State University, 1200 Chambers Rd., 3rd Floor, Columbus, Ohio 43212 ($6.00)
Pub Type— Reports - Research (143)
EDRS Price - MF01/PC10 Plus Postage.
Descriptors—Algebra, *Cognitive Development, *Concept Formation, Elementary Secondary Education, Higher Education, Instruction, *Learning, *Mathematical Models, *Mathematics Education, Number Concepts, *Research, Teaching Methods
Identifiers—Information Analysis Products, *Mathematics Education Reports
Eleven research reports in the area of models of learning mathematics are presented in this publication of the Mathematics Education Reports series. The papers represent a mixture of theories, viewpoints, and references to other areas. Content areas addressed range from preschool to college levels. All the papers are concerned with the learning of mathematics and all are attempts to clarify and apply theory through the mechanism of models. The papers rely on observations of students and have possible implications for classroom instruction. Topics include: (1) modeling and theorizing in mathematics education; (2) experimental models for the child's acquisition of counting and of addition and subtraction; (3) a logical-cognitive view of learning and teaching mathematical concepts; (4) instructional and theoretical implications of a mathematical model of cognitive development; (5) a

learning model for some algebraic concepts; (6) abstraction, generalization, and the design of mathematical experiences for children; (7) towards a model for the teaching of mathematics as goal-directed activity; (8) preliminary steps toward a cognitive model of learning primary mathematics; (9) intraconcept analysis of rational number addition and subtraction, indirect validation studies; (10) an organizational model of abilities related to inference in mathematical contexts; and (11) logical reasoning learning hierarchies. (MP)

ED 174 401 SE 027 616
Wollman, Warren
Developmental Implications of Science Teaching: Early Adolescence.
ERIC Information Analysis Center for Science, Mathematics, and Environmental Education, Columbus, Ohio.; National Association for Research in Science Teaching.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—78
Note—134p.
Available from—Information Reference Center (ERIC/IRC), The Ohio State University, 1200 Chambers Rd., 3rd Floor, Columbus, Ohio 43212 ($4.50)
Pub Type— Reports - Research (143)
EDRS Price - MF01/PC06 Plus Postage.
Descriptors—*Cognitive Development, Concept Formation, *Developmental Psychology, Elementary Secondary Education, Higher Education, Learning, *Learning Theories, *Research Reviews (Publications), *Science Education
Identifiers—Ausebel (David P), Information Analysis, *Piaget (Jean)
This review of research, developed in cooperation with the National Association for Research in Science Teaching, was designed to analyze and synthesize the research related to developmental psychology and its relationship to science education. The review is divided into five parts: (1) Introduction; (2) Historical Precedents of the Developmental Movement in Education; (3) Piaget's Theory; (4) Piaget and Education: Implications and Contradictions; and (5) Recent Traditions in Instructional and Cognitive Psychology. The reference section contains 266 entries. (PEB)

ED 179 424 SE 029 524
Brandau, Linda Easley, Jack
Understanding the Realities of Problem Solving in Elementary School With Practical Pointers for Teachers.
ERIC Information Analysis Center for Science, Mathematics, and Environmental Education, Columbus, Ohio.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Dec 79
Contract—400-78-0004
Note—71p.
Available from—Information Reference Center (ERIC/IRC), The Ohio State University, 1200 Chambers Rd., 3rd Floor, Columbus, OH 43212 ($2.00)
Pub Type— Guides - General (050) — Guides - Classroom - Teacher (052)
EDRS Price - MF01/PC03 Plus Postage.
Descriptors—Calculation, *Educational Resources, Elementary Education, *Elementary School Mathematics, Mathematical Concepts, Mathematics Curriculum, *Mathematics Instruction, *Problem Solving, Teaching Methods, Teaching Skills, *Teaching Techniques
Identifiers—Information Analysis Products
This paper is divided into three parts. Part I connects the reality of the classroom with the idealism which arises from some of the problem solving literature. It is argued that a broader concept of problem solving is needed to provide a perspective for bridging the gap between the conceptions of problem solving in the literature and typical classroom practice. Part II examines what "problem solving" might mean in the context of the elementary school classroom. Part III considers how children can be helped to understand the non-arbitrary character of rules of arithmetic by examining the connectedness of mathematical ideas, rules, and procedures. Also included is a list of references and recommended readings, a list of specific pointers for teachers, and a conclusions section. (Author/MK)

ED 180 815 SE 029 661
Lesh, Richard, Ed. Secada, Walter, Ed.
Some Theoretical Issues in Mathematics Education: Papers From a Research Presession.
ERIC Information Analysis Center for Science, Mathematics, and Environmental Education, Columbus, Ohio.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Dec 79
Contract—400-78-0004
Note—79p.
Available from—Information Reference Center (ERIC/IRC), The Ohio State Univ., 1200 Chambers Rd., 3rd Floor, Columbus, OH 43212 ($2.50)
Pub Type— Reports - Research (143)
EDRS Price - MF01/PC04 Plus Postage.
Descriptors—Case Studies (Education), *Educational Research, Elementary Secondary Education, Geometric Concepts, *Learning Processes, Mathematical Concepts, *Mathematics Education, *Research Needs, *Research Problems, Student Teacher Relationship, Teacher Education
Identifiers—Information Analysis Products
Three addresses by internationally renowned mathematics researchers and a fourth paper on the role of research are presented. Each of the addresses focuses on the learning process, but from different points of view. Heinrich Bauersfeld provides an analysis of the miscommunication inherent in many teacher-student interactions. Four deficient areas of research are discussed. Efraim Fischbein directs attention to the role of intuition in learning. Hans Freudenthal traces the growth of number and geometry ideas in one child. The fourth paper, by Richard Lesh, identifies four problem areas needing research. (Author/MK)

ED 180 816 SE 029 663
Lesh, Richard, Ed. And Others
Applied Mathematical Problem Solving.
ERIC Information Analysis Center for Science, Mathematics, and Environmental Education, Columbus, Ohio.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Nov 79
Contract—400-78-0004
Note—259p.; Papers prepared for a conference at Northwestern University (Evanston, IL, November 1978)
Available from—Information Reference Center (ERIC/IRC), The Ohio State Univ., 1200 Chambers Rd., 3rd Floor, Columbus, OH 43212 ($6.50)
Pub Type— Reports - Research (143) — Collected Works - Proceedings (021)
EDRS Price - MF01/PC11 Plus Postage.
Descriptors—College Mathematics, Educational Diagnosis, *Educational Research, Elementary Secondary Education, Information Processing, Learning Disabilities, Literature Reviews, *Mathematical Applications, Mathematical Models, Mathematics Curriculum, *Mathematics Education, Mathematics Instruction, Motivation, *Problem Solving, Remedial Mathematics, Thought Processes
Identifiers—*Applied Problem Solving (Mathematics), Information Analysis Products
This collection of nine papers, prepared for a conference held at Northwestern University in 1978, presents varied perspectives on applied problem solving. Assessing applied problem solving, planning for interest and motivation, developing a theory, reviewing research findings, considering learning disabilities, analyzing through information processing, designing instruction, trends in research, and models for applied problem solving are presented. (Author/MK)

ED 180 822 SE 029 685
Sacks, Arthur B., Ed. Davis, Craig B., Ed.
Current Issues V: The Yearbook of Environmental Education and Environmental Studies. Selected Papers from the Eighth Annual Conference of the National Association for Environmental Education.
ERIC Information Analysis Center for Science, Mathematics, and Environmental Education, Columbus, Ohio.; National Association for Environmental Education, Troy, Ohio.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Nov 79
Contract—400-78-0004
Note—306p.
Available from—Information Reference Center (ERIC/IRC), The Ohio State Univ., 1200 Chambers Rd., 3rd Floor, Columbus, OH 43212 ($6.00)
Pub Type— Collected Works - Proceedings (021) — Opinion Papers (120)
EDRS Price - MF01/PC13 Plus Postage.
Descriptors—Conservation (Environment), *Conservation Education, Curriculum, Ecology, *Educational Research, Elementary Secondary Education, Environment, *Environmental Education, Evaluation Methods, Higher Education, Instruction, *Instructional Materials, Interdisciplinary Approach, Learning, *Nonformal Education, *Outdoor Education, Science Education, Teacher Education
Identifiers—Information Analysis Products
These proceedings are divided into two major sections. Section I contains papers based on original research and thought and are intended as examples of products of rigorous scholarship. This section is subdivided into three subsections covering the future, the present, and the past. Papers appearing in this section were reviewed by at least two researchers selected for their expertise relative to the article being examined. Twelve papers appear in this section. The second section includes descriptive or journalistic papers and program reviews. Papers for this section are intended to be useful and of interest to environmental educators. In all, 16 papers appear in Section II. A section of guidelines for authors concludes the document. (Author/RE)

SO

ED 170 187 SO 011 519
Tucker, Jan L. Joyce, William W.
Social Studies Teacher Education: Practices, Problems, and Recommendations.
ERIC Clearinghouse for Social Studies/Social Science Education, Boulder, Colo.; Social Science Education Consortium, Inc., Boulder, Colo.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Note—88p.
Available from—Social Science Education Consortium, Inc., 855 Broadway, Boulder, Colorado 80302 (Order SSEC Publication Number 237, $4.50)
Pub Type— Information Analyses (070) — Opinion Papers (120) — Reports - Research (143)
EDRS Price - MF01/PC04 Plus Postage.
Descriptors—*Educational Needs, Educational Objectives, *Educational Practice, *Educational Problems, Educational Responsibility, *Educational Trends, Employment Opportunities, Enrollment Trends, Higher Education, Inquiry Training, Interdisciplinary Approach, Multicultural Education, Performance Based Teacher Education, Questionnaires, *Social Studies, State of the Art Reviews, Surveys, Teacher Attitudes, Teacher Education, Teacher Employment, Teacher Role
Identifiers—*Information Analysis Products
The paper explores the current state of affairs in social studies teacher education at the elementary and secondary levels. Information is based on analysis of data derived from a survey questionnaire administered to 39 selected social studies teacher educators throughout the country. The monograph is presented in three major sections. Sections I and II focus on teacher education at the elementary and secondary levels. Eight categories treated at both levels were institutional trends (integration of social studies with other subject areas, improved teaching methods), back to basics (inquiry skills stressed), the shrinking job market (most often ignored by teacher educators), new content (often infused into existing curriculum), multicultural education (high interest but slow program development), exceptional students (usually a wait and see attitude), competition with other subjects (some resources lost through mathematics and reading mandates, fragmentation), and competency based teacher certification (under study). Trends, issues, needs, and promising practices in each of the categories are discussed. Section III offers recommendations for program development, policy action, and research. Recommendations include that social studies teacher educators should establish a national network and dialogue regarding the status and future of teacher education at undergraduate and postbaccalaureate levels. The appendix includes a copy of the 26-item questionnaire and a listing of teacher education resources. (DB)

ED 170 188 SO 011 520
Stockhaus, Stuart, Ed.
Selected Social Studies Skills: 88 Reinforcement Lessons for Secondary Students.
ERIC Clearinghouse for Social Studies/Social Science Education, Boulder, Colo.; Social Science Education Consortium, Inc., Boulder, Colo.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Note—261p.
Available from—Social Science Education Consortium, Inc., 855 Broadway, Boulder, Colorado 80302 ($15.00, paper cover)
Pub Type— Guides - Classroom - Teacher (052)
EDRS Price - MF01/PC11 Plus Postage.
Descriptors—Cartoons, Concept Formation, Concept Teaching, Data Analysis, *Educational Needs, Geographic Concepts, Glossaries, Graphs, Information Needs, Instructional Materials, Junior High Schools, *Learning Activities, Locational Skills (Social Studies), Map Skills, Resource Guides, Secondary Education, *Skill Development, *Social Studies, Tables (Data), Teacher Developed Materials, Vocabulary Development
Presented is a series of 88 lessons designed by classroom teachers to help junior high school students reinforce social studies skills. Lessons are categorized into four main skill areas: (1) using reference aids; (2) understanding tables, graphs, and cartoons; (3) developing graphic skills; and (4) evaluating information. For each skill area, information is presented on general objectives, skill categories, vocabulary, and materials. The lessons, presented in the form of worksheets which students are directed to complete, can be used in any sequence, emphasize general social studies concepts, and can be used in a wide variety of courses and grade level settings. Activities involve students in filling in the blanks, analyzing readings, discussing issues in class, answering questions about graphs, charts, and tables, and interpreting tables of contents. By participating in the program, students will reinforce skills such as using library reference aids, using books and magazines, constructing and interpreting tables, graphs, and cartoons, identifying continents and oceans, reading map directions, locating places on maps and globes, calculating mileage, identifying fact, opinion, and bias, identifying primary and secondary sources, and assessing source reliability. The document is presented in loose leaf format to facilitate removal and duplication of material. (DB)

ED 179 436 SO 012 129
Switzer, Kenneth A. Mulloy, Paul T.
Global Issues: Activities and Resources for the High School Teacher.
Denver Univ., Colo. Center for Teaching International Relations.; ERIC Clearinghouse for Social Studies/Social Science Education, Boulder, Colo.; Social Science Education Consortium, Inc., Boulder, Colo.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Contract—400-78-0006
Note—172p.
Available from—Social Science Education Consortium, Inc., 855 Broadway, Boulder, CO 80302 ($7.95)
Pub Type— Guides - Classroom - Teacher (052)
EDRS Price - MF01/PC07 Plus Postage.
Descriptors—Civil Liberties, Conflict, Economic Development, Economics, Educational Objectives, Energy, Environmental Influences, *Global Approach, Instructional Materials, Learning Activities, Natural Resources, Secondary Education, *Social Studies Units, Teaching Methods, *World Affairs, *World Problems
The book is an introduction to teaching about contemporary global concerns in the high school social studies classroom. It contains background and lesson plans for seven units in addition to 39 reproducible student handouts, annotated lists of other good classroom resources, and a guide to sources of teaching materials on global issues. Topics covered include an introduction to the concept of global awareness, world trade and economic interdependence, global conflict and the arms race, economic development and foreign aid, environment and technology, energy and natural resources, and human rights. For each unit, two lesson plans are offered, with suggestions for topics and courses, time allotment, instructional objectives, and teaching methods for introducing, developing, and concluding the lesson. Student handouts offer materials for the learning activities such as relevant statistics and graphs, attitude tests, news media analysis, ranking nations, scenarios, discussion questions, decision-making and role-playing exercises, and case studies. Primary and supplementary sources are listed in an annotated bibliography for each unit, including materials such as books, films, simulations, games, pamphlets, and filmstrips. An appendix lists publishers of the classroom materials with their addresses. (CK)

ED 179 468 SO 012 175
Turner, Mary Jane
Law in the Classroom. Activities and Resources.
ERIC Clearinghouse for Social Studies/Social Science Education, Boulder, Colo.; Social Science Education Consortium, Inc., Boulder, Colo.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Contract—400-78-0006
Note—333p.
Available from—Social Science Education Consortium, Inc., 855 Broadway, Boulder, CO 80302 ($17.00)
Pub Type— Guides - Classroom - Teacher (052)
EDRS Price - MF01/PC14 Plus Postage.
Descriptors—*Citizenship, Civil Rights, Consumer Education, Court Cases, Criminal Law, Elementary Secondary Education, Environmental Education, Field Trips, Guides, Justice, *Learning Activities, *Legal Education, Police Action, *Resource Materials, Simulation, Social Studies
Identifiers—Information Analysis Products
This K-12 handbook is designed for law and justice professionals who serve as resource persons and for classroom teachers in working with resource persons. The book consists of four parts. The introduction provides an overview, explains use of the handbook, presents information on using the community as a teaching resource, and provides a checklist for a classroom visit. Part II explains a variety of strategies designed to actively involve students. Strategies include case studies, mock trials, moot courts, brainstorming, dilemmas, surveys, police activities, and field trips. For each strategy, procedural guidelines, instructions for implementation, and several law-related examples are outlined. The third section includes activities for programs focusing on introduction to law, individual rights, criminal law, and civil law. The sections on individual law and civil law are broken down into the subcategories of freedom of speech, search and seizure, family law, and environmental law. The activities in both Parts II and III include 65 reproducible student handouts. Part IV suggests additional resources such as print materials for students, teachers, and resource persons; media kits; and filmstrips, games, and simulations. (KC)

ED 180 858 SO 012 176
Hedstrom, Judith E., Ed.
Data Book of Social Studies Materials and Resources, Volume 3.
ERIC Clearinghouse for Social Studies/Social Science Education, Boulder, Colo.; Social Science Education Consortium, Inc., Boulder, Colo.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—80
Contract—400-78-0006
Note—362p.; For a related document, see ED 166 120
Available from—Social Science Education Consortium, Inc., 855 Broadway, Boulder, CO 80302 ($10.00)
Pub Type— Information Analyses (070) — Reference Materials - Bibliographies (131)
EDRS Price - MF01/PC15 Plus Postage.
Descriptors—*Catalogs, Curriculum Guides, Elementary Secondary Education, Games, Higher Education, *Instructional Materials, Resource Guides, Simulation, *Social Studies, Supplementary Textbooks, Teacher Education, Textbooks
Identifiers—Information Analysis Products
The Data Book contains descriptive analyses of new social studies materials for kindergarten through Grade 12, teacher resource materials, ERIC abstracts of curriculum guides, and a listing of all social studies materials published in 1979. It is intended to help teachers, administrators, curriculum coordinators, and college methods professors in selecting appropriate materials on the basis of grade level, discipline, underlying philosophy, goals, strategy, structure, content, innovativeness, and merit. Four major sections comprise the book. Section One includes 63 two-page analyses of social studies textbooks and supplementary and nonprint materials. Section Two contains 20 short analyses of teacher resource materials. Each analysis summarizes the purpose, intended uses and users, and contents of each resource book. Section Three provides abstracts of 20 social studies curriculum guides identified through the ERIC system. Section Four contains a listing of 644 social studies materials published in 1979 and is organized by subject area. Each section is indexed according to author/editor, developer, grade level, publisher/institution, and subject area. (Author/KC)

ED 180 859 SO 012 178
Haas, John D.
Future Studies in the K-12 Curriculum.
ERIC Clearinghouse for Social Studies/Social Science Education, Boulder, Colo.; ERIC Clearinghouse on Counseling and Personnel Services, Ann Arbor, Mich.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—80
Contract—400-78-0005; 400-78-0006
Note—101p.
Available from—Social Science Education Consortium, Inc., 855 Broadway, Boulder, CO 80302 ($8.95)
Pub Type— Information Analyses (070)
EDRS Price - MF01/PC05 Plus Postage.
Descriptors—Annotated Bibliographies, *Curriculum Development, *Decision Making, Elementary Secondary Education, *Futures (of Society), Global Approach, *Interdisciplinary Approach, Language Arts, *Prediction, Public Policy, Sciences, Social Studies, Systems Analysis, Teaching Guides
Identifiers—Information Analysis Products
This guide is designed to help elementary and secondary school teachers and curriculum developers plan units on the future. It is presented in five sections. Section I discusses the origins of the modern futures movement and the concepts of future studies, time dimensions, global approach, self-fulfilling and self-defeating forecasts, and types of futures orientations. Section II examines human futures in terms of values, knowledge, technology, and social issues. Section III presents methods of forecasting the future: genius forecasting, characterized by the creativity, analysis, and intuitiveness of novelists and scientists; trend extrapolation, the extension of present and historical patterns into the future; consensus of experts on a particular issue; simulation; cross-impact matrix analyses which chart possible future events and their influence on other events; scenarios, decision trees, and pictorial representations of the potential results of alternative approaches to crucial decisions; and systems analysis for use in public policy decisions. Section IV provides suggestions for curriculum planning, including topics in communication, energy, family life, food, health, values, transportation, work, international affairs, and education. Examples of unit formats are also provided. The document concludes with annotated bibliographies of general readings for the teacher and curriculum developer, specific futures topics, and future studies curricula. (KC)

ED 180 860 SO 012 179
Dillon-Peterson, Elizabeth Greenawald, G. Dale
Staff Development for the Social Studies Teacher.
ERIC Clearinghouse for Social Studies/Social Science Education, Boulder, Colo.; Social Science Education Consortium, Inc., Boulder, Colo.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—80
Contract—400-78-0006
Note—91p.
Available from—Social Science Education Consortium, Inc., 855 Broadway, Boulder, CO 80302 ($6.95)
Pub Type— Information Analyses (070) — Guides - Non-Classroom (055)
EDRS Price - MF01/PC04 Plus Postage.
Descriptors—Elementary Secondary Education, *Inservice Programs, Needs Assessment, Professional Development, Program Costs, Program Development, Program Planning, Resource Allocations, Social Studies, *Staff Improvement, *Success Factors, Teacher Motivation
Identifiers—Information Analysis Products
The book identifies critical variables that influence the success or failure of staff development pro-

grams for social studies teachers and provides suggestions for planning and implementing effective inservice activities. It is based on interviews with 24 educators of diverse backgrounds and the authors' own practical field experiences as well as their knowledge of the literature. The book is presented in eight chapters. Chapter I discusses the need for staff development emphasizing the number of new curriculum areas, vast array of instructional materials and strategies, and teachers' need for assistance. Chapter II focuses on the need to create a climate characterized by effective communication, organizational commitment, and community support. Chapter III examines the importance of a systematic and continuous planning process based on an assessment of long-term and short-term organizational and individual needs. Chapter IV discusses the assignment of leadership and responsibility for staff development, considering desirable traits and the advantages and limitations of various kinds of educators in relation to this position. Chapter V emphasizes the allocation of human and financial resources and discusses factors to consider in estimating these needs. Chapter VI focuses on effective goals, content, and strategies. Chapter VII lists formal and informal incentives for successful teacher participation. The concluding chapter explains the essentiality of and factors relating to meaningful evaluation and follow-up. Appendices offer a sample outline of a long-range staff development plan including a needs assessment instrument and a staff development program assessment form. (CK)

ED 180 861 SO 012 181
Lungmus, Dorothy And Others
Consumer Education Sourcebook.
ERIC Clearinghouse for Social Studies/Social Science Education, Boulder, Colo.; Social Science Education Consortium, Inc., Boulder, Colo.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—80
Contract—400-78-0006
Note—131p.
Available from—Social Science Education Consortium, Inc., 855 Broadway, Boulder, CO 80302 ($9.95)
Pub Type— Information Analyses (070) — Reference Materials - Bibliographies (131)
EDRS Price - MF01/PC06 Plus Postage.
Descriptors—Annotated Bibliographies, Audiovisual Aids, Consumer Economics, *Consumer Education, *Curriculum Development, Curriculum Guides, Economic Education, Educational Games, Elementary Secondary Education, *Instructional Materials, Measurement Instruments, *Organizations (Groups), Periodicals, Simulation, Supplementary Reading Materials, Teaching Methods, Textbook Evaluation
Identifiers—Information Analysis Products
An annotated list of currently available student and teacher resources for consumer education in grades K-12 is provided. The document contains two sections. Section I describes student and teacher materials. Student materials include current (1976 or later) textbooks; supplementary print materials such as pamphlets, books, duplicating masters, transparencies, and workbooks; audiovisual materials; and games and simulations. The grade level, reading level, price, subject area, strategies and requirements for use, and consumer economics focus are provided for each entry. Categories for teacher materials are handbooks and sourcebooks which provide background information on consumer economics, curriculum guides for planning courses or programs, and a variety of materials indexed in ERIC. Section II lists local, state, and national consumer organizations and relevant periodicals. The Consumer Education Materials Analysis Instrument, a list of publishers, and a cross-reference index are included in appendices. (KC)

SP

ED 164 497 SP 013 510
Frederick, A. B.
Relaxation: Education's Fourth "R."
ERIC Clearinghouse on Teacher Education, Washington, D.C.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Jan 79
Note—32p.
Pub Type— Books (010)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—Behavior Patterns, *Coping, *Human Body, *Hypertension, Motor Reactions, Neurology, Physiology, *Stress Variables, *Teacher Role
Identifiers—*Relaxation, Tension
Strategies for coping with stress and tension that may be used by a teacher in a classroom setting are presented. The development of tension control as an area of study is traced, noting the role total relaxation plays in various religious and philosophical movements. Stages of teaching students how to relax through a technique known as progressive relaxation are described. A glossary of selected terms frequently used in tension control literature is included, and references for further reading are provided. (JD)

ED 164 517 SP 013 682
Turner, Richard L. And Others
Interpreting Research Results on Teaching.
ERIC Clearinghouse on Teacher Education, Washington, D.C.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Jan 79
Note—52p.
Pub Type— Reports - Research (143)
EDRS Price - MF01/PC03 Plus Postage.
Descriptors—*Analytical Criticism, *Educational Research, *Effective Teaching, *Research Design, Research Methodology, Research Reviews (Publications), Research Utilization, Teacher Behavior, *Test Interpretation
This publication is a collection of commentaries on a published monograph entitled "Teacher Competence and Teacher Effectiveness: A Review of Process-Product Research" by Donald M. Medley (1977). Medley's stated purpose was to provide teacher educators with access to the meaningful findings of research in teacher effectiveness. The papers here comment on Medley's methodology and procedures; consider the inferences/implications for teacher education of the findings reported in Medley's review; and predict what Medley's approach portends for the future of research and selection of topics for further investigation in teacher effectiveness. (MM)

ED 166 169 SP 013 796
Nerenz, Anne G., Comp. Knop, Constance K., Comp.
The Supervision of Teachers: A Selected Annotated Bibliography. Bibliographies on Educational Topics No. 10.
ERIC Clearinghouse on Teacher Education, Washington, D.C.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Feb 79
Note—36p.
Available from—ERIC Clearinghouse on Teacher Education, Suite 616, One Dupont Circle, Washington, D.C. 20036 ($2.00)
Pub Type— Reference Materials - Bibliographies (131)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—Administrative Personnel, *Annotated Bibliographies, *Behavior Change, Classroom Observation Techniques, College Supervisors, Cooperating Teachers, Inservice Programs, Instructional Improvement, Self Evaluation, *Supervisory Methods, *Teacher Supervision
Identifiers—Information Analysis Products
Focusing on various facets of the supervision of teachers in all capacities, this selected annotated bibliography was prepared for those cooperating teachers, student teachers, university supervisors, school supervisors, administrators, and other school personnel who wish to investigate in greater detail any number of aspects of the theory and process of supervision. More specifically, this work provides references to, and content summaries of, texts and articles on both the theoretical models and the more practical styles and techniques of supervision. In addition, each annotation includes a brief evaluation of the usefulness or application of the entry to a particular style of supervision. The bibliography includes sections on: History and Development of Teacher Supervision, Theories of Power and Behavioral Change, Major Theories and Models, Inservice Supervision, The College/University Supervisor: Changing Roles and Responsibilities, The Developing Role of the Cooperating Teacher, Observational Instruments, and Conferencing Techniques. Citations are from 1965 onward. (Author/DS)

ED 168 972 SP 013 177
Golaszewski, Thomas J.
Influencing Behavior Through Instruction: Methodology in Health Education.
ERIC Clearinghouse on Teacher Education, Washington, D.C.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Feb 79
Note—30p.
Pub Type— Guides - Classroom - Teacher (052)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—*Behavior Change, *Change Strategies, *Curriculum Design, *Health Education, Higher Education, Life Style, Personal Values, *Physical Fitness, Secondary Education, Self Determination, Social Reinforcement
A health education curriculum for secondary school and undergraduate college students is described. The prime emphasis in this curriculum is upon behavior modification and personal motivation on the part of the student. Strategies for modifying health behavior are outlined stressing the importance of students understanding and clarifying their personal values and goals. Working with the teacher, students develop a health program of their own after participation in basic medical laboratory experience that provides an understanding of their physical condition and needs. Both biomedical evaluation and behavioral inventory analysis are used in this instructional phase. A sample of a student-developed program is appended. (JD)

ED 169 049 SP 014 092
Lorton, Eveleen And Others
The Teacher's World. Special Current Issues Publication No. 9.
ERIC Clearinghouse on Teacher Education, Washington, D.C.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Note—39p.
Pub Type— Reports - Research (143)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—Academic Ability, Administrative Problems, Career Choice, Discipline Problems, Educational Finance, Institutional Characteristics, Job Satisfaction, Parent School Relationship, *State of the Art Reviews, Statistical Surveys, *Teacher Attitudes, *Teaching Experience
Findings resulting from a broad survey of practicing teachers are reported and analyzed in this monograph. The survey instruments were in the form of a questionnaire and selected personal interviews. The reported topics are in the following ten categories: (1) career selection and satisfaction; (2) staff development; (3) discipline problems; (4) student academic difficulties; (5) administrative concerns; (6) parent relations; (7) school finance; (8) job characteristics; (9) characteristics of teaching; and (10) interview findings, summary, and recommendations. (JD)

ED 173 277 SP 013 795
Pipes, Lana, Ed.
Perspectives on Graduate Programs in Education.
American Association of Colleges for Teacher Education, Washington, D.C.; ERIC Clearinghouse on Teacher Education, Washington, D.C.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Apr 79
Note—120p.
Pub Type— Information Analyses (070) — Opinion Papers (120)
EDRS Price - MF01/PC05 Plus Postage.
Descriptors—College Role, Curriculum Development, Educational Finance, Educational Problems, Enrollment, Essays, Federal Legislation, *Futures (of Society), *Graduate Study, *Needs Assessment, *Program Effectiveness, Research

Utilization, Social Change, State of the Art Reviews, *Teacher Education

The goals and purposes to be served by graduate level professional preparation for educators are examined and redefined in these essays. The authors are experienced as administrators in schools, colleges, or departments of education. The current state of graduate programs in education in terms of the pressures, problems, dilemmas, and opportunities are considered, as well as directions and options for the future. (JD)

ED 177 149 SP 014 879

Cruickshank, Donald R. Telfer, Ross A.

Simulations and Games: An ERIC Bibliography. Bibliographies on Educational Topics No. 11.

ERIC Clearinghouse on Teacher Education, Washington, D.C.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—Sep 79

Note—93p.

Available from—ERIC Clearinghouse on Teacher Education, Suite 616, One Dupont Circle, N.W., Washington, D.C. 20036 ($3.50)

Pub Type— Reference Materials - Bibliographies (131)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—Bibliographies, *Educational Games, *Games, Role Playing, *Simulation, Teaching Techniques

The entries in this bibliography were selected from items included in the Educational Resources Information Center indexes, RESOURCES IN EDUCATION and CURRENT INDEX TO JOURNALS IN EDUCATION. A list of 70 subject area categories is included to facilitate identification of items for specific topics. (JD)

TM

ED 159 217 TM 007 695

Hensley, Susan

Evaluation of Users' Responses to the Information Analysis Products of the ERIC Clearinghouse on Tests, Measurement, and Evaluation.

ERIC Clearinghouse on Tests, Measurement, and Evaluation, Princeton, N.J.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—Mar 78

Note—68p.

Pub Type— Reports - Research (143)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Clearinghouses, Educational Research, *Evaluation, Information Dissemination, Information Needs, Information Networks, *Information Utilization, *Publications, Questionnaires, Research Utilization, Summative Evaluation, *Use Studies

Identifiers—Educational Resources Information Center, *ERIC Clearinghouse on Tests Measurement Evaluation, *Information Analysis Products

To obtain user evaluations of the information analysis products (IAPs) produced by the Educational Resources Information Center Clearinghouse on Tests, Measurement, and Evaluation (ERIC/TM), subjects were randomly drawn from a 1976 list of the clearinghouse's IAP orders. The sample was stratified by the title requested and the following institutional affiliations: (1) commerical organizations; (2) state departments of education; (3) elementary through high schools, including vocational schools; (4) school districts; (5) universities and four-year colleges; and (6) other. A questionnaire was administered to determine the type of professional activity engaged in by the requestor; how the requestor became aware of the document; whether the requestor belonged to ERIC/TM's target population; receipt of the document; reading vs. scanning; and document quality and utility. Indicators of quality were document length, organization, writing, and format. Utility was judged according to the purpose for ordering the document, whether the document was passed on (if so, to whom and what for), and the document's impact on the requestor's subsequent work activities. User evaluations of ERIC/TM's products tend to be high and indicate that the publications are used as reference tools by educators to keep abreast of the literature. The questionnaire and resulting data are appended. (JAC)

ED 178 615 TM 010 017

Lewis, Ronald H.

Do Minorities Embrace the Concept of Minimum Competency?.

ERIC Clearinghouse on Tests, Measurement, and Evaluation, Princeton, N.J.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—Dec 79

Note—12p.; Paper presented a the annual meeting of the National Council on Measurement in Education (San Francisco, CA, April 11, 1979); For related documents, see TM 010 018-020

Available from—ERIC Clearinghouse on Tests, Measurement, and Evaluation, Educational Testing Service, Princeton, NJ 08541 ($2.00, while supplies last)

Pub Type— Speeches/Meeting Papers (150) — Opinion Papers (120) — Information Analyses (070)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Academic Achievement, Educational Accountability, Educational Needs, Educational Problems, Elementary Secondary Education, *Minimum Competency Testing, *Minority Groups, *Performance Based Education, Public Opinion, Racial Discrimination, *Remedial Instruction, *School Responsibility, Student Certification, Test Bias, *Testing Problems

Identifiers—Information Analysis Products

The concepts of competency can be conceptually separated into two dimensions: minimum competency testing (MCT) and competency based education (CBE). One of the major weaknesses of the MCT movement is the growing reliance on single test scores as indicators of the total capability of students. Minorities do not reject the idea of competence, but they oppose the use of MCT as a rationale for organizational resegregation or as a justification for maintaining the status quo by denying mobility and choices to minority groups. CBE may change the educational process by structuring educational goals around specific outcomes; and by using various measures to diagnose individual needs, to provide individualized instruction, to use appropriate and adaptable learning activities, to use flexible scheduling, and to evaluate programs, students, and teachers. MCT alone blames the student for failure, while CBE involves education and support processes to remediate student weaknesses. Minorities are also concerned about the lack of curricular and instructional validity in schools which administer MCTs. Minority groups, although supporting competence, do not support MCT in isolation from the responsibilities which should be borne by the total educational system. (MH)

ED 178 616 TM 010 018

Down, A. Graham

Implications of Minimum-Competency Testing for Minority Students.

ERIC Clearinghouse on Tests, Measurement, and Evaluation, Princeton, N.J.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—Dec 79

Note—12p.; Paper presented at the annual meeting of the National Council on Measurement in Education (San Francisco, CA, April 11, 1979); For related documents, see TM 010 017-020

Available from—ERIC Clearinghouse on Tests, Measurement, and Evaluation, Educational Testing Service, Princeton, NJ 08541 ($2.00 while supplies last)

Pub Type— Information Analyses (070) — Opinion Papers (120) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Academic Standards, *Black Attitudes, *Evaluation Needs, Graduation Requirements, Legal Problems, *Minimum Competency Testing, Minority Groups, Negative Attitudes, *Public Opinion, Racial Differences, School Districts, Secondary Education, State Programs, Test Bias, *Testing Problems, Testing Programs, Test Results

Identifiers—Information Analysis Products

Most of the arguments lodged against minimum competency testing are really observations about the abuses of testing. Blacks and other minority groups are understandably mistrustful of recent developments in minimum competency testing–possible grounds for legal challenges include the adequacy of the phase-in periods; the match between tests and instruction; past and subsequent discriminatory practices; and the rationale for setting standards. Problems have been evident in New York City, Virginia, Florida, and North Carolina. Despite these reservations, Americans of all races who were polled about their educational attitudes favored minimum competency testing: 90% favored standards for grade promotion and high school graduation, and 80% favored prompt remedial instruction for students failing competency tests. The American public, and particularly blacks, indicated low levels of confidence in the quality of public school education. There is evidence, however, that testing programs have shown gains in student achievement in Anacostia (District of Columbia); Greensville County, Virginia; Denver, Colorado; Gary, Indiana; and Detroit, Michigan. Minimum competency standards constitute a guarantee never before asked of public schools–that no child will leave school as a functional illiterate. This is why minorities can, and do, support the competency testing movement. (GDC)

ED 178 617 TM 010 019

Mizell, M. Hayes

Minimum Competency Programs, Protected Classes, and Federal Agencies.

ERIC Clearinghouse on Tests, Measurement, and Evaluation, Princeton, N.J.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—Dec 79

Note—19p.; Paper presented at the annual meeting of the National Council on Measurement in Education (San Francisco, CA, April 11, 1979); For related documents, see TM 010 017-020

Available from—ERIC Clearinghouse on Tests, Measurement, and Evaluation, Educational Testing Service, Princeton, NJ 08541 ($2.00, while supplies last)

Pub Type— Opinion Papers (120) — Speeches/-Meeting Papers (150) — Information Analyses (070)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Administrative Agencies, Administrative Problems, Bureaucracy, Elementary Secondary Education, *Equal Education, *Equal Protection, Federal Aid, Federal Government, *Federal Legislation, Federal Regulation, Government Role, *Government School Relationship, *Minimum Competency Testing, *Minority Groups, Policy Formation, Standards, Testing Problems, Testing Programs

Identifiers—Division of Education for the Disadvantaged, Elementary Secondary Education Act Title I, Information Analysis Products, Office of Civil Rights

This paper discusses two examples of federal agencies which administer laws fundamental to the protection and advancement of the educational interests of minority children: the Office for Civil Rights, and the Division of Education for the Disadvantaged. Provisions of these laws can be construed as protective standards which may provide the major potential for enforceable safeguards for the educational interests of minority students participating in minimum-competency programs. However, if that potential is to be realized, federal agencies with appropriate juriadictions must take greater initiatives. While the extent to which the current lack of initiative may be detrimental to the educational interests of minority children is unknown, the possibility of harm is certainly increased by the absence of promulgated policies and legal interpretations. So far, the interest in minimum-competency programs on the part of these two federal agencies has been largely reactive. Whether a reactive role is in the best educational interests of protected classes or even consistent with the spirit of those agencies' administrative and enforcement obligations is questionable. Meanwhile, minimum-competency programs are being implemented, protected classes of students are being affected by them, and there are no recognized or enforced standards to assure that the educational interests of those students will be protected. (Author/CTM)

ED 178 618 TM 010 020

Scott, Hugh J.

Minimum-Competency Testing: the Newest Obstruction to the Education of Black and Other Disadvantaged Americans.

ERIC Clearinghouse on Tests, Measurement, and Evaluation, Princeton, N.J.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—Dec 79

Note—20p.; Paper presented at the annual meeting of the National Council on measurement in Edu-

cation (San Francisco, CA, April 11, 1979); For related documents, see TM 010 017-019
Available from—ERIC Clearinghouse on Tests, Measurement, and Evaluation, Educational Testing Service, Princeton, NJ 08541 ($2.00, while supplies last)
Pub Type— Information Analyses (070) — Opinion Papers (120) — Speeches/Meeting Papers (150)
EDRS Price - MF01/PC01 Plus Postage.
Descriptors—Academic Achievement, Academic Failure, Academic Standards, Achievement Tests, *Basic Skills, *Black Students, Disadvantaged Youth, Educational Needs, Educational Problems, Elementary Secondary Education, *Evaluation Needs, Labeling (of Persons), *Minimum Competency Testing, *Racial Discrimination, Test Bias, *Testing Problems, Testing Programs, Test Validity
Identifiers—Information Analysis Products
Concerns and objections regarding minimum competency testing (MCT) are raised. The tests are criticized for their tendencies to: (1) deny variability in growth, development, and intelligence; (2) expose rather than constructively examine underachievers; (3) divert scarce personnel and financial resources to test administration; (4) ignore non-cognitive variables and factors outside school influence; (5) mislabel students; (6) justify homogeneous grouping; (7) over-emphasize the back-to-basics movement; (8) arouse racial prejudice by documenting underachievement of minorities; and (9) lower minimum standards in order to achieve an acceptable rate of success. Minimum competency tests are also described as being the most poorly conceived, and as providing the least useful information of all achievement tests. (CP)

UD

ED 169 183 UD 019 283
Greenawalt, Kent
The Implications of "Regents of California v. Bakke" For University Admission and Hiring.
Columbia Univ., New York, N.Y. ERIC Clearinghouse on the Urban Disadvantaged.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Feb 79
Note—9p.
Journal Cit—Equal Opportunity Review; Feb 1979
Pub Type— Opinion Papers (120)
EDRS Price - MF01/PC01 Plus Postage.
Descriptors—*Admission Criteria, *College Admission, Economically Disadvantaged, Educationally Disadvantaged, *Educational Opportunities, *Equal Opportunities (Jobs), Higher Education, Minority Groups, Racial Discrimination, *Racial Factors, Sex Discrimination, *Supreme Court Litigation
Identifiers—*Bakke (Allan)
This paper deals with the application of the dissenting opinions of the Supreme Court justices in the Allan Bakke case to a range of admission and hiring practices in which universities have engaged, or might engage. The issues posed in the Bakke case, the basic positions in each of the justices' opinions, and the interrelationship between the opinions are briefly described. The practical implications of the Bakke decision are then discussed in terms of what sorts of university programs of admissions and hiring appear permissible after Bakke. Taken into consideration are the following: (1) the relevance of State law and the distinction between private and public universities; (2) admission practices as they affect disadvantaged and minority students, particularly with regard to racial criteria; and (3) racial and sexual criteria in university hiring. (EB)

ED 169 191 UD 019 295
Grove, Cornelius Lee
The Annotated Bibliography on Cross-Cultural Problems in Education. Volume II: Published Literature (Books). ERIC/CUE Urban Diversity Series, Number 62.
Columbia Univ., New York, N.Y. ERIC Clearinghouse on the Urban Disadvantaged.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Mar 79
Contract—400-77-0071
Note—74p.; For a related document, see UD 019 003
Available from—Institute for Urban and Minority Education, Box 40, Teachers College, Columbia University, New York, New York 10027 ($5.00)
Pub Type— Reference Materials - Bibliographies (131)
EDRS Price - MF01/PC03 Plus Postage.
Descriptors—Annotated Bibliographies, *Cross Cultural Studies, *Cultural Differences, *Cultural Education, *Human Relations
The general purpose of this bibliography is to bring to light a wide range of educational literature dealing with those problems in human interaction that stem from differences in cultural background, and in particular to focus on the literature relating cross-cultural differences to the process of education in formal settings. In this, the second volume, literature published in books (including pamphlet-like items) is cited and annotated. (Author)

ED 169 192 UD 019 296
Educating Diverse Populations. Selected Papers. ERIC/CUE Urban Diversity Series, Number 59.
Columbia Univ., New York, N.Y. ERIC Clearinghouse on the Urban Disadvantaged.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—79
Contract—400-77-0071
Note—28p.; Papers presented at the conference on Educating Diverse Populations, part of the Annual Superintendents Work Conference held at Teachers College, Columbia University (37th, New York, New York, July 19-20, 1978)
Available from—Institute for Urban and Minority Education, Box 40, Teachers College, Columbia University, New York, New York 10027 ($5.00)
Pub Type— Collected Works - Proceedings (021) — Reports - Descriptive (141)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—Conference Reports, *Disadvantaged Groups, *Educational Change, *Educational Improvement, *Educational Policy, Elementary Secondary Education, *Equal Education, Females, *Minority Group Children, Non English Speaking, Program Descriptions, Sex Stereotypes, Social Attitudes, Standardized Tests, Test Bias
Identifiers—Aptitude Treatment Interaction
The papers in this document illustrate the need for educators to recognize the diverse populations they serve. Edmund W. Gordon and Stephanie Shipman discuss the confusion surrounding Aptitude/Treatment/Interaction (ATI) research and the educational equity controversy. They argue for educational programs which more appropriately address the problems of equity and social justice in education. Patricia Albjerg Graham discusses, from an historical and contemporary perspective, the dilemma faced by schools as they seek to adjust to new societal values about the role of women. She argues that if genuine progress toward adjusting schools and schooling to these new social norms is to be made, the selection and retention of more women in leadership roles in education are called for. Edward DeAvila suggests that a diagnostic/prescriptive procedure called PAPI (Program Assessment/Pupil Instruction) can overcome the problems in standardized testing by remaining sensitive to the needs of ethnically and linguistically different children who might be treated within a mainstream setting. Finally, Edgar Epps discusses some of the problems faced by social scientists, practitioners, and policy makers as they seek to adapt the public schools to the needs and demands of increasingly vocal and politically influential racial and ethnic constituencies. (EB)

ED 169 193 UD 019 297
Laguerre, Michel S.
Schooling in Haiti. ERIC/CUE Urban Diversity Series, Number 60.
Columbia Univ., New York, N.Y. ERIC Clearinghouse on the Urban Disadvantaged.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Feb 79
Contract—400-77-0071
Note—12p.
Available from—Institute for Urban and Minority Education, Box 40, Teachers College, Columbia University, New York, New York 10027 ($5.00)
Pub Type— Reports - Research (143)
EDRS Price - MF01/PC01 Plus Postage.
Descriptors—Case Studies, *Creoles, *Cultural Background, Cultural Differences, *Educational Background, *Elementary Secondary Education, Ethnic Origins, *Ethnography, *Immigrants, Technical Reports
Identifiers—*Haiti
Described in this paper is the educational background and schooling experienced by Haitian immigrant children who are presently enrolled in the New York school system. Different types of schools in Haiti (urban, rural, private, public, elementary and secondary), and the functions of these schools in Haitian society are examined. Other topics discussed include the school community, competition for school admission, the classroom context, the learning process, teacher-student relationships, parent-student relationships, parent-teacher relationships and the Haitian perception of schooling. Factors considered include school structure, teacher qualifications, entrance exams, discipline, home environment, and the use of French at all levels of instruction. (EB)

ED 169 197 UD 019 303
Kallos, June, Ed.
Perspectives on Sex and Gender: Proceedings of a Multidisciplinary Conference. ERIC/CUE Urban Diversity Series, Number 61.
Columbia Univ., New York, N.Y. ERIC Clearinghouse on the Urban Disadvantaged.; Columbia Univ., New York, N.Y. Inst. for Urban and Minority Education.; Columbia Univ., New York, N.Y. Sex Desegregation Assistance Center.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—Feb 79
Contract—400-77-0071
Note—32p.; Proceedings of a conference held at Teachers College, Columbia University (New York, New York, May 19, 1977); May be marginally legible due to small print
Available from—Institute for Urban and Minority Education, Box 40, Teachers College, Columbia University, New York, New York 10027 ($5.00)
Pub Type— Collected Works - Proceedings (021) — Collected Works - Serials (022)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—Changing Attitudes, Conference Reports, Discriminatory Attitudes (Social), *Females, *Males, Prenatal Influences, Role Perception, *Sex Differences, Sex Discrimination, *Sex Role, *Sex Stereotypes, *Social Attitudes, Social Influences, Working Women
These papers make suggestions for further exploration into the problems of sex and gender research. Edmund Gordon presents a historical perspective on the sociopolitical implications of sex and gender and discusses attitudinal variables which affect the classification of women. Ann Lieberman describes the history of women in the work force, their problems and breakthroughs, and their prospects for the future. Robert Brannon compares the stereotyped roles which men have played in the past with their portrayals in the media today. He shows that today's male is facing difficulties as a result of the changing role of women. Maxine Greene discusses the role of women in literature and suggests that literature can provide a resource for women to remake and transcend the traditional conditioning of their roles. Maria New addresses the problem of ambiguous sex in the newborn, presenting biological antecedents, the diagnostic procedures, and the appropriate medical intervention. Elizabeth Hagen points out various reasons for inconsistencies in several areas of sex-difference research. Patrick Lee reviews some of the major theories of sex-role differentiation and mentions factors which should be taken into consideration in the development of a new theory of sex-role socialization. (Author/EB)

ED 173 501 UD 019 598
Grannis, Joseph C.
Classroom Culture and the Problem of Control. ERIC/CUE Urban Diversity Series, Number 63.
Columbia Univ., New York, N.Y. ERIC Clearinghouse on the Urban Disadvantaged.
Spons Agency—National Inst. of Education (DHEW), Washington, D.C.
Pub Date—May 79
Contract—400-77-0071
Note—45p.
Pub Type— Information Analyses (070) — Opinion Papers (120) — Collected Works - Serials (022)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—Alternative Schools, Attendance, *Classroom Environment, Disadvantaged Youth, *Discipline, *Educational Alternatives, Educational Change, Elementary Secondary Education, Literacy, Minority Group Children, Open Education, Opinions, Research Reviews (Publications), *Student Behavior, Student Teacher Ratio, Student Teacher Relationship, *Teacher Behavior,

Traditional Schools

Although classrooms vary in design and populations, there are certain features that are common to virtually all classrooms. These include the crowding of pupils, the compulsion of school attendance, and the expectation that teachers will foster literacy. The manner in which these features are dealt with in a classroom constitutes the core problem of control in schooling. The most common solution to the problem of control is the standard classroom. Alternative classroom settings that appear to be associated with differences among children can best be understood as variations on the standard classroom. In some of these alternatives, higher support conditions and the positive cast of classroom activities seem to reduce the disorder and alienation found in classrooms, particularly with regard to disadvantaged and ethnic minority children. However, as a number of studies suggest, differences stemming from the students' and teachers' styles within a classroom are more prominent than differences between standard and alternative educational settings. These findings indicate that the most significant changes in classrooms would only be possible if the basic conditions of schooling were so altered that the standard classroom simply would not work. (Author/EB)

ED 173 506 UD 019 604

Vivolo, Robert L., Comp.

ERIC References on Urban and Minority Education. Equal Opportunity Review.

Columbia Univ., New York, N.Y. Inst. for Urban and Minority Education.

Pub Date—May 79

Note—13p.

Pub Type— Reference Materials - Bibliographies (131)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Asian Americans, *Bibliographic Citations, *Bibliographies, Compensatory Education, Disadvantaged Groups, Ethnic Groups, Females, *Minority Groups, Multicultural Education, Racial Discrimination, School Integration, *Urban Education

Literature on urban and minority education which is accessible through the Educational Resources Information Center (ERIC) system is listed in this bibliography. Included are references on topics such as bilingual education, compensatory education, school integration, the education of specific ethnic and racial groups, and problems of inner city schools, which were cited in the January through December 1978 issues of "Resources in Education" (RIE) (the abstract journal of the ERIC system). ERIC document (ED) identification numbers are provided for each citation. A subject index and a statement on the availability of the cited materials from the ERIC Document Reproduction Service (EDRS) are also included. (Author/EB)

ED 177 256 UD 019 814

Ianni, Francis A. J. Reuss-Ianni, Elizabeth

School Crime and the Social Order of the School.

Columbia Univ., New York, N.Y. Inst. for Urban and Minority Education.

Spons Agency—Columbia Univ., New York, N.Y. ERIC Clearinghouse on the Urban Disadvantaged.; National Inst. of Education (DHEW), Washington, D.C.

Pub Date—79

Note—13p.

Available from—Institute for Urban and Minority Education, Box 40, Teachers College, Columbia University, New York, New York 10027 ($1.00)

Journal Cit—IRCD Bulletin; v14 n1 Win 1979

Pub Type— Information Analyses (070) — Collected Works - Serials (022)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Change Strategies, Discipline Problems, *Educational Problems, Elementary Secondary Education, Institutional Characteristics, Racial Factors, *School Community Relationship, *School Environment, *School Organization, *Social Change, Student Behavior, Student Characteristics, *Violence

Recent research is beginning to shed some light on the nature and extent of violence and crime in American schools, the role that schools themselves play in producing, aggravating, or reducing school crime, and how changes in the schools can remedy social control problems. Data from these studies indicate that: (1) despite public opinion, school crime has leveled off or decreased over the last few years; (2) while community characteristics have some relationship with school crime and disruption, schools are not simply reflective of community crime rates; (3) institutional characteristics such as overcrowding and interracial conflict influence school crime; (4) student characteristics have a significant bearing on school violence; and (5) schools can control and even prevent internal disorder through changes in rules, structure, leadership style, and social control techniques. (Author/EB)

ED 179 624 UD 019 914

Hispanic Migrations from the Caribbean and Latin America: Implications for Educational Policy, Planning and Practice; Conference Proceedings. ERIC/CUE Urban Diversity Series, Number 65, August 1979.

Columbia Univ., New York, N.Y. ERIC Clearinghouse on the Urban Disadvantaged.; Columbia Univ., New York, N.Y. National Origin Desegregation Assistance Center.; Columbia Univ., New York, N.Y. Race Desegregation Assistance Center.; Columbia Univ., New York, N.Y. Sex Desegregation Assistance Center.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—Aug 79

Contract—400-77-0071

Note—15p.

Available from—Institute for Urban and Minority Education, Box 40, Teachers College, Columbia University, New York, New York 10027 ($5.00)

Pub Type— Information Analyses (070) — Collected Works - Proceedings (021)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Bilingual Education, Conference Reports, *Educational Improvement, *Educational Policy, Elementary Secondary Education, Federal Legislation, *Immigrants, Mexican Americans, Puerto Ricans, Residential Patterns, School Integration, School Segregation, Social Discrimination, *Spanish Speaking

Identifiers—Lau v Nichols

This report includes papers by two educators concerning the education of Hispanics in the United States. Jose Hernandez addresses the issues of Hispanic demographic patterns and migration and the implications of these factors for educational planning and policy. Rafael Valdivieso focuses on the Federal role in Hispanic desegregation, discussing debates over the goals and effectiveness of bilingual education, the lack of compliance with the guidelines established by the Office of Civil Rights after the Lau v. Nichols decision, and the high rate of school segregation among national origin (language minority) students. Both papers emphasize the growth in the overall population of Hispanic students and argue that present and future educational legislation and policy must take into account the needs of this minority group. (Author/EB)

ED 179 625 UD 019 915

Mosher, Edith K. And Others

Pursuing Equal Educational Opportunity: School Politics and the New Activists. ERIC/CUE Urban Diversity Series, Number 64, Summer 1979.

Columbia Univ., New York, N.Y. ERIC Clearinghouse on the Urban Disadvantaged.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.

Pub Date—79

Contract—400-77-0071

Note—30p.

Available from—Institute for Urban and Minority Education, Box 40, Teachers College, Columbia University, New York, New York 10027 ($5.00)

Pub Type— Opinion Papers (120)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Activism, Bilingual Students, *Change Strategies, *Educational Change, Educational Demand, Educational Finance, Educational Policy, Elementary Secondary Education, *Equal Education, Essays, Federal Government, Federal Legislation, Futures (of Society), *Government Role, Handicapped Students, Higher Education, *Politics, Sex Discrimination

This monograph describes and analyzes the competing demands of many citizens, special interest groups, and organizations for educational equity. The significant role that the Federal government has played in the educational system over the past 30 years through financing and legislation is discussed. Four case studies are presented relating to areas in which the activists of the 1970s sought to change educational policies and programs. Each study describes the definition of equality espoused by the protagonists, the organization of the advocacy groups, the strategies they employed to obtain desired action by politicians and educators, and the present status of their efforts. Each study is then compared in terms of issues and the interest group involved, the interplay of judicial, legislative, and administrative actions, and the cost considerations applying to the new programs. Some general observations about the historical and political aspects of educational reform and several alternative views about the fate of the educational system in years to come are offered. A topical bibliography is included. (Author/EB)

ED 179 628 UD 019 931

Physical Education and Athletics: Strategies for Meeting Title IX Requirements. Conference Proceedings. ERIC/CUE Urban Diversity Series, Number 66, August 1979.

Columbia Univ., New York, N.Y. ERIC Clearinghouse on the Urban Disadvantaged.; Columbia Univ., New York, N.Y. Sex Desegregation Assistance Center.

Spons Agency—National Inst. of Education (DHEW), Washington, D.C.; Office of Education (DHEW), Washington, D.C.

Pub Date—Aug 79

Contract—400-77-0071

Note—15p.

Available from—Institute for Urban and Minority Education, Box 40, Teachers College, Columbia University, New York, New York 10027 ($5.00)

Pub Type— Collected Works - Proceedings (021)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Athletics, Elementary Secondary Education, *Equal Education, *Federal Legislation, *Females, *Physical Education, Sex (Characteristics), Sex Differences, *Sex Discrimination

Identifiers—*Title IX Education Amendments 1972

The papers in this collection explore the implications of Title IX in terms of educational equity, analyze sex-related differences between males and females, and outline some strategies for equality in physical education and athletics. Marjorie Blaufarb discusses the physical and psychological inequities that exist in the traditional approach to physical education which provides for separate programs for boys and girls. Dorothy Harris reviews the state of research on physiological sex differences and emphasizes the fact that observed differences are mediated by physical fitness levels rather than by sex. A. Mae Timer examines the requirements of Title IX regulations for physical education and athletics and suggests ways for developing supportive measures necessary to make compliance meaningful. Her paper holds that an understanding of the legal aspects of Title IX and well designed strategies for its implementation may help us to reevaluate current practices and to ascertain whether they contribute to the perpetuation of sex discrimination. (Author/EB)

ED 179 644 UD 019 975

Haney, Walt Kinyanjui, Kabiru

Competency Testing and Equal Educational Opportunity. IRCD Bulletin, Volume 14, Number 2. Spring, 1979.

Columbia Univ., New York, N.Y. Inst. for Urban and Minority Education.

Spons Agency—Columbia Univ., New York, N.Y. ERIC Clearinghouse on the Urban Disadvantaged.; National Inst. of Education (DHEW), Washington, D.C.

Pub Date—79

Note—13p.

Available from—Institute for Urban and Minority Education, Box 40, Teachers College, Columbia University, New York, NY 10027 ($1.00)

Journal Cit—IRCD Bulletin; v14 n2 Spr 1979

Pub Type— Collected Works - Serials (022) — Information Analyses (070)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Black Achievement, *Black Students, *Educational Quality, *Equal Education, Grouping (Instructional Purposes), *Minimum Competency Testing, Minority Group Children, *Racial Differences, Remedial Instruction, Secondary Education, *Test Bias, Test Validity

After a period of striving for equal educational opportunity and progress toward that goal, American society is now shifting toward more emphasis on educational quality. However, some fear that the rise of Minimum Competency Testing (MCT) may hinder rather than help minority students' opportunities for equal education. Despite gains in the

number of years of schooling, black students still fall far behind their white classmates in terms of test results. Racial disparities also appear in the area of curricular track enrollment since test scores determine who gets assigned to which high school tracks, and high school tracks help determine standardized test performance. Although the issue of test bias is relatively recent, much attention has been paid to possible remedies, including group parity models, which have been criticized as ineffective and discriminatory against other minority groups. Whether competency tests are unfair or biased depends on what happens to students who pass or fail the tests. If students who do not pass competency tests receive effective instruction to help them master basic skills or competencies and hence to proceed with their education, then the impact of MCT on equal educational opportunity may be positive. If not, the outlook is not promising. (Author/RLV)

Subject Index

Academic Freedom
Old Expectations, New Realities: The Academic Profession Revisited. AAHE-ERIC/Higher Education Research Report No. 2, 1979.
ED 169 874 (HE)

Academic Libraries
Bibliographic Instruction in Academic Libraries. A Review of the Literature and Selected Bibliography.
ED 180 505 (IR)

Access to Education
Adult Baccalaureate Programs. AAHE-ERIC/Higher Education Research Report No. 9.
ED 180 328 (HE)
Changing Values in Higher Education. AAHE-ERIC/Higher Education Research Currents, April 1979.
ED 169 876 (HE)
An Essay on Incarcerated Youth: An Oppressed Group.
ED 170 991 (EC)
Interstate Migration of College Students. AAHE-ERIC/Higher Education Research Currents, December 1979.
ED 180 327 (HE)
Serving New Populations. New Directions for Community Colleges, Number 27.
ED 175 520 (JC)

Accountability
Program Evaluation and Accountability. Searchlight 7+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 391 (CG)

Activism
Pursuing Equal Educational Opportunity: School Politics and the New Activists. ERIC/CUE Urban Diversity Series, Number 64, Summer 1979.
ED 179 625 (UD)

Administrator Characteristics
Administrative Evaluation. Administrator's Update. Volume 1, Number 1.
ED 172 643 (HE)

Administrator Evaluation
Administrative Evaluation. Administrator's Update. Volume 1, Number 1.
ED 172 643 (HE)
Evaluation and Development of Administrators. AAHE-ERIC/Higher Education Research Report No. 6, 1979.
ED 176 711 (HE)

Administrator Responsibility
Administering Programs for Handicapped Students. Professional Development Series, No. 3.
ED 179 770 (CE)

Administrator Role
Changing Administrative Relations Under Collective Bargaining. Junior College Resource Review.
ED 170 015 (JC)
Motivation of Teachers. ACSA School Management Digest, Series 1, Number 18. ERIC/CEM Research Analysis Series, Number 46.
ED 178 998 (EA)
Student Activities Programs. The Best of ERIC, Number 45.
ED 169 612 (EA)
Time and Resource Management for Small Schools.
ED 167 305 (RC)

Administrators
Evaluation and Development of Administrators. AAHE-ERIC/Higher Education Research Report No. 6, 1979.
ED 176 711 (HE)

Admission Criteria
The Implications of "Regents of California v. Bakke" For University Admission and Hiring.
ED 169 183 (UD)

Adult Basic Education
Adult Vocational ESL. Language in Education: Theory and Practice, No. 22.
ED 176 592 (FL)
Four Phases of Developmental Education. Junior College Resource Review.
ED 165 858 (JC)

Adult Counseling
Counseling Adults for Life Transitions.
ED 181 396 (CG)
Counseling Adults. Searchlight 41+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 398 (CG)

Adult Development
Counseling Adults for Life Transitions.
ED 181 396 (CG)

Adult Education
Research and Investigation in Adult Education: 1976-1978 Register. Information Series No. 169.
ED 179 761 (CE)
Viewpoints on Adult Education Research. Information Series No. 171.
ED 179 762 (CE)

Adult Learning
Research and Investigation in Adult Education: 1976-1978 Register. Information Series No. 169.
ED 179 761 (CE)

Adult Students
Adult Baccalaureate Programs. AAHE-ERIC/Higher Education Research Report No. 9.
ED 180 328 (HE)

Adults
Counseling Adults. Searchlight 41+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 398 (CG)

Agency Role
Imaginary Gardens? Real Problems: An Analysis of Federal Information Sources on Rural Education.
ED 167 318 (RC)

Aging
Counseling the Aging. Searchlight 11+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 394 (CG)

American Indian Education
How Communities and American Indian Parents Can Identify and Remove Culturally Biased Books from Schools.
ED 167 337 (RC)

American Indians
How to Search ERIC for American Indian Materials.
ED 168 762 (RC)

Analytical Criticism
Interpreting Research Results on Teaching.
ED 164 517 (SP)

Annotated Bibliographies
The Best of the Best of ERIC. Volume 2.
ED 163 620 (EA)
The Development and Education of Children Outside the United States: An ERIC Abstract Bibliography.
ED 164 125 (PS)
The Supervision of Teachers: A Selected Annotated Bibliography. Bibliographies on Educational Topics No. 10.
ED 166 169 (SP)

Applied Problem Solving (Mathematics)
Applied Mathematical Problem Solving.
ED 180 816 (SE)

Articulation (Program)
Occupational Programs in Four-Year Colleges: Trends and Issues. AAHE-ERIC/ Higher Education Research Report No. 5, 1979.
ED 176 645 (HE)

Artists
Institutionalizing the Muse: The Arts and Artist in Higher Education. AAHE-ERIC/Higher Education. Research Currents.
ED 165 640 (HE)

Attachment Behavior
Attachment and Children: Citations From Selected Data Bases.
ED 165 885 (PS)

Attendance
Reducing Student Absenteeism. The Best of ERIC on Educational Management, Number 48.
ED 180 067 (EA)

Attendance Patterns
Reducing Student Absenteeism. The Best of ERIC on Educational Management, Number 48.
ED 180 067 (EA)

Audiovisual Aids
A Guide to Audiovisual Resources about ERIC.
ED 179 248 (IR)
A Working Bibliography of Commercially Available Audiovisual Materials for the Teaching of Library Science. Second Edition, Revised and Expanded.
ED 180 502 (IR)

Bachelors Degrees
Adult Baccalaureate Programs. AAHE-ERIC/ Higher Education Research Report No. 9.
ED 180 328 (HE)

Bakke (Allan)
The Implications of "Regents of California v. Bakke" For University Admission and Hiring.
ED 169 183 (UD)

Basic Educational Opportunity Grants Program
Reauthorizing the Higher Education Act of 1965. AAHE-ERIC/Higher Education Research Currents, November 1979.
ED 178 022 (HE)

Basic Skills
Minimum-Competency Testing: the Newest Obstruction to the Education of Black and Other Disadvantaged Americans.
ED 178 618 (TM)

Beginning Teacher Evaluation Study
Teacher Evaluation. Research Action Brief Number 4.
ED 172 367 (EA)

Behavior Change
Children on Medication: A Primer for School Personnel.
ED 170 978 (EC)
Classroom Discipline. Research Action Brief Number 5.
ED 173 898 (EA)
Influencing Behavior Through Instruction: Methodology in Health Education.
ED 168 972 (SP)
The Supervision of Teachers: A Selected Annotated Bibliography. Bibliographies on Educational Topics No. 10.
ED 166 169 (SP)

Bias
How Communities and American Indian Parents Can Identify and Remove Culturally Biased Books from Schools.
ED 167 337 (RC)

Bibliographic Citations
ERIC References on Urban and Minority Education. Equal Opportunity Review.
ED 173 506 (UD)

Bibliographies
Attachment and Children: Citations From Selected Data Bases.
ED 165 885 (PS)
ERIC References on Urban and Minority Education. Equal Opportunity Review.
ED 173 506 (UD)

Bilingual Education
Hispanic Migrations from the Caribbean and Latin America: Implications for Educational Policy, Planning and Practice; Conference Proceedings. ERIC/CUE Urban Diversity Series, Number 65, August 1979.
ED 179 624 (UD)
Resources for Teaching Mathematics in Bilingual Classrooms.
ED 170 119 (SE)

Black Attitudes
Implications of Minimum-Competency Testing for Minority Students.
ED 178 616 (TM)

Black Students
Competency Testing and Equal Educational Opportunity. IRCD Bulletin, Volume 14, Number 2. Spring, 1979.
ED 179 644 (UD)
Minimum-Competency Testing: the Newest Obstruction to the Education of Black and Other Disadvantaged Americans.
ED 178 618 (TM)

Budgeting
Budgeting in Higher Education. AAHE-ERIC/ Higher Education Research Report No. 3, 1979.
ED 169 875 (HE)

Building Conversion
School Closing. The Best of ERIC Clearinghouse on Educational Management, Number 46.
ED 172 319 (EA)

Building Design
Energy Management. The Best of ERIC on Educational Management, Number 47.
ED 179 002 (EA)

Building Improvement
Energy Management. The Best of ERIC on Educational Management, Number 47.
ED 179 002 (EA)

Business
Foreign Languages, English as a Second/Foreign Language, and the U.S. Multinational Corporation. Language in Education: Theory and Practice, No. 16.
ED 179 089 (FL)

Career Development
Career Education for the Handicapped Child: A Guide to Parent Education Programming. Information Series No. 180.
ED 179 772 (CE)
Serving Handicapped Students in Vocational Education: A Guide for Counselors. Information Series No. 186.
ED 179 771 (CE)

Career Education
Career Education for the Handicapped Child: A Guide to Parent Education Programming. Information Series No. 180.
ED 179 772 (CE)
Techniques and Strategies for Infusing Career Education into the Educational Program for Exceptional Children: Some Sample Resources. Information Series No. 181.
ED 179 767 (CE)
What "First Generation" Research on Career Education Says to the Classroom Teachers–and Vice Versa. Information Series No. 179.
ED 179 766 (CE)

Career Planning
Academic Advising: Getting Us Through the Eighties. AAHE-ERIC/Higher Education Research Reports, No. 7, 1979.
ED 178 023 (HE)
Computerized Career Information and Guidance Systems. Information Series No. 178.
ED 179 764 (CE)

Career Skills Measurement
Selecting and Using Tests of Career Skills. Information Series No. 177.
ED 179 763 (CE)

Catalogs
Data Book of Social Studies Materials and Resources, Volume 5.
ED 180 858 (SO)

CDA Credential
Directory of Educational Programs for Adults Who Work With Children.
ED 170 021 (PS)

Censorship
College Student Press Law. Second Edition.
ED 180 000 (CS)

Certification
Guidance and Counseling: Perspectives on an Emerging Profession.
ED 181 390 (CG)

Change Agents
The Counselor as Change Agent. Searchlight 30+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 393 (CG)

Change Strategies
Influencing Behavior Through Instruction: Methodology in Health Education.
ED 168 972 (SP)
Pursuing Equal Educational Opportunity: School Politics and the New Activists. ERIC/CUE Urban Diversity Series, Number 64, Summer 1979.
ED 179 625 (UD)

Chicano English
Chicano English. Language in Education: Theory and Practice, No. 21.
ED 176 591 (FL)

Child Care Centers
Day Care Update: Programs, Policy and Research. An ERIC Abstract Bibliography.
ED 167 241 (PS)

Child Development
Directory of Educational Programs for Adults Who Work With Children.
ED 170 021 (PS)

Child Welfare
The Development and Education of Children Outside the United States: An ERIC Abstract Bibliography.
ED 164 125 (PS)

Children
Attachment and Children: Citations From Selected Data Bases.
ED 165 885 (PS)

Citizenship
Law in the Classroom. Activities and Resources.
ED 179 468 (SO)

Class Activities
Energy Activities for the Classroom: Volume II.
ED 173 072 (SE)

Class Management
Classroom Discipline. Research Action Brief Number 5.
ED 173 898 (EA)

Classroom Environment
Classroom Culture and the Problem of Control. ERIC/CUE Urban Diversity Series, Number 63.
ED 173 501 (UD)

Classroom Games
Games and Simulations in the Foreign Language Classroom. Language in Education.
ED 177 887 (FL)

Clearinghouses
Evaluation of Users' Responses to the Information Analysis Products of the ERIC Clearinghouse on Tests, Measurement, and Evaluation.
ED 159 217 (TM)

Cocurricular Activities
Student Activities Programs. The Best of ERIC, Number 45.
ED 169 612 (EA)

Cognitive Development
Developmental Implications of Science Teaching: Early Adolescence.
ED 174 401 (SE)
Explorations in the Modeling of the Learning of Mathematics.
ED 173 113 (SE)

Collective Bargaining
Changing Administrative Relations Under Collective Bargaining. Junior College Resource Review.
ED 170 015 (JC)

College Administration
Administrative Evaluation. Administrator's Update. Volume 1, Number 1.
ED 172 643 (HE)
Changing Administrative Relations Under Collective Bargaining. Junior College Resource Review.
ED 170 015 (JC)
Evaluation and Development of Administrators. AAHE-ERIC/Higher Education Research Report No. 6, 1979.
ED 176 711 (HE)
Managing in a New Era. New Directions for Community Colleges, Number 28.
ED 178 149 (JC)
The Three "R's" of the Eighties: Reduction, Reallocation, and Retrenchment.
ED 172 642 (HE)

College Admission
The Implications of "Regents of California v. Bakke" For University Admission and Hiring.
ED 169 183 (UD)

College Choice
Interstate Migration of College Students. AAHE-ERIC/Higher Education Research Currents, December 1979.
ED 180 327 (HE)

College Curriculum
Adult Baccalaureate Programs. AAHE-ERIC/Higher Education Research Report No. 9.
ED 180 328 (HE)
Revamping Core Curricula. AAHE-ERIC/Higher Education Research Currents, May 1979.
ED 169 877 (HE)
Shaping the Curriculum. New Directions for Community Colleges, Number 25.
ED 171 334 (JC)

College Faculty
Alternatives to Tenure. AAHE-ERIC/Higher Education Research Currents. March 1979.
ED 165 694 (HE)
Old Expectations, New Realities: The Academic Profession Revisited. AAHE-ERIC/Higher Education Research Report No. 2, 1979.
ED 169 874 (HE)
Women in Academe: Steps to Greater Equality. AAHE-ERIC/Higher Education Research Report No. 1, 1979.
ED 169 873 (HE)

College Mathematics
Developmental Mathematics. Junior College Resource Review.
ED 172 894 (JC)

College Planning
Perspective: Community Colleges in the 1980s. Horizon Issues Monograph Series.
ED 178 146 (JC)

College Role
Advancing International Education. New Directions for Community Colleges, Number 26.
ED 169 973 (JC)
The Decline of Transfer Education. Topical Paper Number 70.
ED 179 273 (JC)
Institutionalizing the Muse: The Arts and Artist in Higher Education. AAHE-ERIC/Higher Education. Research Currents.
ED 165 640 (HE)

College Students
Adult Baccalaureate Programs. AAHE-ERIC/Higher Education Research Report No. 9.
ED 180 328 (HE)
Women in Academe: Steps to Greater Equality. AAHE-ERIC/Higher Education Research Report No. 1, 1979.
ED 169 873 (HE)

Communication (Thought Transfer)
Listening Instruction.
ED 170 827 (CS)

Communication Problems
Communicating with the Elderly: Shattering Stereotypes.
ED 172 285 (CS)

Communicative Competence (Languages)
Testing Oral Communication in the Foreign Language Classroom. Language in Education: Theory and Practice, No. 17.
ED 176 590 (FL)

Community Colleges
Occupational Programs in Four-Year Colleges: Trends and Issues. AAHE-ERIC/ Higher Education Research Report No. 5, 1979.
ED 176 645 (HE)

Community Responsibility
How Communities and American Indian Parents Can Identify and Remove Culturally Biased Books from Schools.
ED 167 337 (RC)

Community Studies
Outdoor Education: Community Studies Through Field Experiences.
ED 167 317 (RC)

Community Surveys
Outdoor Education: Community Studies Through Field Experiences.
ED 167 317 (RC)

Compensation (Remuneration)
Old Expectations, New Realities: The Academic Profession Revisited. AAHE-ERIC/Higher Education Research Report No. 2, 1979.
ED 169 874 (HE)

Competence
Administrative Evaluation. Administrator's Update. Volume 1, Number 1.
ED 172 643 (HE)
Assessing the Competencies of Media Professionals: A Model for Determining Costs and Effectiveness.
ED 179 250 (IR)

Composition Skills (Literary)
Problems and Teaching Strategies in ESL Composition. (If Johnny Has Problems, What about Joan, Jean, and Ywe-Han?) Language in Education: Theory and Practice, No. 14.
ED 175 243 (FL)

Computers
Computerized Career Information and Guidance Systems. Information Series No. 178.
ED 179 764 (CE)

Concept Formation
Explorations in the Modeling of the Learning of Mathematics.
ED 173 113 (SE)
Research Reporting Sections, Annual Meeting of the National Council of Teachers of Mathematics (57th, Boston, Massachusetts, April 18-21, 1979).
ED 167 383 (SE)

Conservation Education
Alliance Affiliate Activities: Non-Governmental Organizations in Environmental Education.
ED 168 887 (SE)
Current Issues V: The Yearbook of Environmental Education and Environmental Studies. Selected Papers from the Eighth Annual Conference of the National Association for Environmental Education.
ED 180 822 (SE)

Consortia
Alliance Affiliate Activities: Non-Governmental Organizations in Environmental Education.
ED 168 887 (SE)

Consultants
Consultation Skills for Pupil Personnel Services Staff.
ED 181 387 (CG)
The Counselor as Consultant. Searchlight 42+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 395 (CG)

Consumer Education
Consumer Education Sourcebook.
ED 180 861 (SO)
Home Economics Education; A Review and Synthesis of the Research. Information Series No. 184.
ED 179 768 (CE)

Continuous Learning
Viewpoints on Adult Education Research. Information Series No. 171.
ED 179 762 (CE)

Contracts
Alternatives to Tenure. AAHE-ERIC/Higher Education Research Currents. March 1979.
ED 165 694 (HE)

Coping
Relaxation: Education's Fourth "R."
ED 164 497 (SP)

Core Curriculum
Revamping Core Curricula. AAHE-ERIC/Higher Education Research Currents, May 1979.
ED 169 877 (HE)

Cost Effectiveness
Assessing the Competencies of Media Professionals: A Model for Determining Costs and Effectiveness.
ED 179 250 (IR)
Cost-Effectiveness Analysis and Instructional Technology: A Review of Conceptual Issues and Selected References.
ED 179 249 (IR)
School Closing. The Best of ERIC Clearinghouse on Educational Management, Number 46.
ED 172 319 (EA)

Counseling
Counseling Adults. Searchlight 41+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 398 (CG)
Counseling Exceptional People.
ED 181 397 (CG)
Guidance and Counseling: Perspectives on an Emerging Profession.
ED 181 390 (CG)

Counseling Effectiveness
Consultation Skills for Pupil Personnel Services Staff.
ED 181 387 (CG)
The Counselor as Change Agent. Searchlight 30+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 393 (CG)
The Counselor as Consultant. Searchlight 42+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 395 (CG)

Counselor Role
Counseling the Aging. Searchlight 11+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 394 (CG)
The Counselor as Change Agent. Searchlight 30+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 393 (CG)
The Counselor as Consultant. Searchlight 42+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 395 (CG)
Guidance and Counseling: Perspectives on an Emerging Profession.
ED 181 390 (CG)
Serving Handicapped Students in Vocational Education: A Guide for Counselors. Information Series No. 186.
ED 179 771 (CE)

Counselor Training
Counseling Adults for Life Transitions.
ED 181 396 (CG)
Counseling Adults. Searchlight 41+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 398 (CG)
Resource Resourcefulness: A One-Day Training Workshop.
ED 181 388 (CG)

Counselors
Counseling Adults. Searchlight 41+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 398 (CG)

The Counselor as Change Agent. Searchlight 30+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 393 (CG)

The Counselor as Consultant. Searchlight 42+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 395 (CG)

Course Evaluation
Intensive Foreign Language Courses. Language in Education: Theory and Practice, No. 18.
ED 176 587 (FL)

Course Organization
Intensive Foreign Language Courses. Language in Education: Theory and Practice, No. 18.
ED 176 587 (FL)

Court Litigation
College Student Press Law. Second Edition.
ED 180 000 (CS)

Creoles
Schooling in Haiti. ERIC/CUE Urban Diversity Series, Number 60.
ED 169 193 (UD)

Cross Cultural Studies
The Annotated Bibliography on Cross-Cultural Problems in Education. Volume II: Published Literature (Books). ERIC/CUE Urban Diversity Series, Number 62.
ED 169 191 (UD)

Cultural Activities
Institutionalizing the Muse: The Arts and Artist in Higher Education. AAHE-ERIC/Higher Education. Research Currents.
ED 165 640 (HE)

Cultural Awareness
Resources for Teaching Mathematics in Bilingual Classrooms.
ED 170 119 (SE)

Cultural Background
Schooling in Haiti. ERIC/CUE Urban Diversity Series, Number 60.
ED 169 193 (UD)

Cultural Context
How Communities and American Indian Parents Can Identify and Remove Culturally Biased Books from Schools.
ED 167 337 (RC)

Cultural Differences
The Annotated Bibliography on Cross-Cultural Problems in Education. Volume II: Published Literature (Books). ERIC/CUE Urban Diversity Series, Number 62.
ED 169 191 (UD)

Cultural Education
The Annotated Bibliography on Cross-Cultural Problems in Education. Volume II: Published Literature (Books). ERIC/CUE Urban Diversity Series, Number 62.
ED 169 191 (UD)

Curriculum Design
Influencing Behavior Through Instruction: Methodology in Health Education.
ED 168 972 (SP)

Curriculum Development
Consumer Education Sourcebook.
ED 180 861 (SO)

Future Studies in the K-12 Curriculum.
ED 180 859 (SO)

Institutionalizing the Muse: The Arts and Artist in Higher Education. AAHE-ERIC/Higher Education. Research Currents.
ED 165 640 (HE)

Revamping Core Curricula. AAHE-ERIC/ Higher Education Research Currents, May 1979.
ED 169 877 (HE)

Shaping the Curriculum. New Directions for Community Colleges, Number 25.
ED 171 334 (JC)

Curriculum Guides
Recommended English Language Arts Curriculum Guides K-12 and Criteria for Planning and Evaluation.
ED 176 332 (CS)

Curriculum Planning
Recommended English Language Arts Curriculum Guides K-12 and Criteria for Planning and Evaluation.
ED 176 332 (CS)

Shaping the Curriculum. New Directions for Community Colleges, Number 25.
ED 171 334 (JC)

Data Bases
Attachment and Children: Citations From Selected Data Bases.
ED 165 885 (PS)

How to Search ERIC for American Indian Materials.
ED 168 762 (RC)

Imaginary Gardens? Real Problems: An Analysis of Federal Information Sources on Rural Education.
ED 167 318 (RC)

National Migrant Education Program Math Skills Information System.
ED 164 227 (RC)

Data Collection
Counting the Transfer Students. Junior College Resource Review.
ED 172 864 (JC)

Day Care Services
Day Care Update: Programs, Policy and Research. An ERIC Abstract Bibliography.
ED 167 241 (PS)

Debate
ERIC First Analysis: 1979-80 National High School Debate Resolutions (What Should Be the Future Direction of the Foreign Policy of the United States?).
ED 170 805 (CS)

Decision Making
Computerized Career Information and Guidance Systems. Information Series No. 178.
ED 179 764 (CE)

Future Studies in the K-12 Curriculum.
ED 180 859 (SO)

Declining Enrollment
The Three "R's" of the Eighties: Reduction, Reallocation, and Retrenchment.
ED 172 642 (HE)

Definitions
Counting the Transfer Students. Junior College Resource Review.
ED 172 864 (JC)

Fact Sheets from the ERIC Clearinghouse on Handicapped and Gifted Children: 1977 Series.
ED 179 032 (EC)

Fact Sheets from the ERIC Clearinghouse on Handicapped and Gifted Children: 1978 Series.
ED 179 033 (EC)

Fact Sheets from the ERIC Clearinghouse on Handicapped and Gifted Children: 1979 Series.
ED 179 034 (EC)

Delinquency
An Essay on Incarcerated Youth: An Oppressed Group.
ED 170 991 (EC)

Delivery Systems
Career Education for the Handicapped Child: A Guide to Parent Education Programming. Information Series No. 180.
ED 179 772 (CE)

Developmental Programs
Four Phases of Developmental Education. Junior College Resource Review.
ED 165 858 (JC)

Developmental Psychology
Developmental Implications of Science Teaching: Early Adolescence.
ED 174 401 (SE)

Directories
Directory of Organizations and Personnel in Educational Management. Sixth Edition.
ED 172 308 (EA)

State Directory of Educational Dissemination for Adult, Career, and Vocational Education. Information Series No. 182.
ED 179 765 (CE)

Disadvantaged Groups
Educating Diverse Populations. Selected Papers. ERIC/CUE Urban Diversity Series, Number 59.
ED 169 192 (UD)

Discipline
Classroom Culture and the Problem of Control. ERIC/CUE Urban Diversity Series, Number 63.
ED 173 501 (UD)

Discriminatory Attitudes (Social)
Communicating with the Elderly: Shattering Stereotypes.
ED 172 285 (CS)

Doctoral Theses
Graduate Theses and Dissertations in English as a Second Language: 1977-78. Language in Education: Theory and Practice, No. 15.
ED 175 244 (FL)

Drug Therapy
Children on Medication: A Primer for School Personnel.
ED 170 978 (EC)

Early Childhood Education
The Development and Education of Children Outside the United States: An ERIC Abstract Bibliography.
ED 164 125 (PS)

Directory of Educational Programs for Adults Who Work With Children.
ED 170 021 (PS)

Education
Parent Involvement in Education: A Bibliography.
ED 174 352 (PS)

Education Vouchers
Educational Vouchers. School Management Digest Series 1, No. 17.
ED 173 889 (EA)

Educational Accountability
Program Evaluation and Accountability. Searchlight 7+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 391 (CG)

Educational Administration
The Best of the Best of ERIC. Volume 2.
ED 163 620 (EA)

Impacts of the Rural Turnaround on Rural Education.
ED 168 759 (RC)

Managing in a New Era. New Directions for Community Colleges, Number 28.
ED 178 149 (JC)

Educational Alternatives
Classroom Culture and the Problem of Control. ERIC/CUE Urban Diversity Series, Number 63.
ED 173 501 (UD)

Educational Assessment
Perspective: Community Colleges in the 1980s. Horizon Issues Monograph Series.
ED 178 146 (JC)

Educational Attitudes
Guidance and Counseling: Perspectives on an Emerging Profession.
ED 181 390 (CG)

A Practitioner's Guide to Concepts and Measures of Motivation.
ED 169 953 (IR)

Educational Background
Schooling in Haiti. ERIC/CUE Urban Diversity Series, Number 60.
ED 169 193 (UD)

Educational Change
Educating Diverse Populations. Selected Papers. ERIC/CUE Urban Diversity Series, Number 59.
ED 169 192 (UD)

Occupational Programs in Four-Year Colleges: Trends and Issues. AAHE-ERIC/ Higher Education Research Report No. 5, 1979.
ED 176 645 (HE)

Pursuing Equal Educational Opportunity: School Politics and the New Activists. ERIC/CUE Urban Diversity Series, Number 64, Summer 1979.
ED 179 625 (UD)

Revamping Core Curricula. AAHE-ERIC/ Higher Education Research Currents, May 1979.
ED 169 877 (HE)

Educational Coordination
Academic Advising: Getting Us Through the Eighties. AAHE-ERIC/Higher Education Research Reports, No. 7, 1979.
ED 178 023 (HE)
Professional Education in the Eighties: Challenges and Responses. AAHE-ERIC/Higher Education Research Report No. 8, 1979.
ED 179 187 (HE)

Educational Counseling
Academic Advising: Getting Us Through the Eighties. AAHE-ERIC/Higher Education Research Reports, No. 7, 1979.
ED 178 023 (HE)

Educational Diagnosis
Fact Sheets from the ERIC Clearinghouse on Handicapped and Gifted Children: 1977 Series.
ED 179 032 (EC)
Fact Sheets from the ERIC Clearinghouse on Handicapped and Gifted Children: 1979 Series.
ED 179 034 (EC)

Educational Disadvantagement
An Essay on Incarcerated Youth: An Oppressed Group.
ED 170 991 (EC)

Educational Facilities
Impacts of the Rural Turnaround on Rural Education.
ED 168 759 (RC)

Educational Finance
Budgeting in Higher Education. AAHE-ERIC/Higher Education Research Report No. 3, 1979.
ED 169 875 (HE)
Community College Financing in the Post-Proposition 13 Era. Junior College Resource Review.
ED 162 712 (JC)
Impacts of the Rural Turnaround on Rural Education.
ED 168 759 (RC)

Educational Games
Games and Simulations in the Foreign Language Classroom. Language in Education.
ED 177 887 (FL)
Simulations and Games: An ERIC Bibliography. Bibliographies on Educational Topics No. 11.
ED 177 149 (SP)

Educational Gerontology
Communicating with the Elderly: Shattering Stereotypes.
ED 172 285 (CS)

Educational Improvement
Educating Diverse Populations. Selected Papers. ERIC/CUE Urban Diversity Series, Number 59.
ED 169 192 (UD)
Hispanic Migrations from the Caribbean and Latin America: Implications for Educational Policy, Planning and Practice; Conference Proceedings. ERIC/CUE Urban Diversity Series, Number 65, August 1979.
ED 179 624 (UD)

Educational Needs
Selected Social Studies Skills: 88 Reinforcement Lessons for Secondary Students.
ED 170 188 (SO)
Social Studies Teacher Education: Practices, Problems, and Recommendations.
ED 170 187 (SO)

Educational Objectives
Evaluating a Second Language Program. Language in Education: Theory and Practice, No. 19.
ED 176 589 (FL)
Managing in a New Era. New Directions for Community Colleges, Number 28.
ED 178 149 (JC)

Educational Opportunities
The Implications of "Regents of California v. Bakke" For University Admission and Hiring.
ED 169 183 (UD)

Educational Planning
Perspective: Community Colleges in the 1980s. Horizon Issues Monograph Series.
ED 178 146 (JC)

Educational Policy
Educating Diverse Populations. Selected Papers. ERIC/CUE Urban Diversity Series, Number 59.
ED 169 192 (UD)
Hispanic Migrations from the Caribbean and Latin America: Implications for Educational Policy, Planning and Practice; Conference Proceedings. ERIC/CUE Urban Diversity Series, Number 65, August 1979.
ED 179 624 (UD)

Educational Practice
Social Studies Teacher Education: Practices, Problems, and Recommendations.
ED 170 187 (SO)

Educational Principles
Helping Others Learn to Teach: Some Principles and Techniques for Inservice Educators.
ED 164 102 (PS)

Educational Problems
School Crime and the Social Order of the School.
ED 177 256 (UD)
Social Studies Teacher Education: Practices, Problems, and Recommendations.
ED 170 187 (SO)

Educational Programs
Directory of Educational Programs for Adults Who Work With Children.
ED 170 021 (PS)
Techniques and Strategies for Infusing Career Education into the Educational Program for Exceptional Children: Some Sample Resources. Information Series No. 181.
ED 179 767 (CE)

Educational Quality
Competency Testing and Equal Educational Opportunity. IRCD Bulletin, Volume 14, Number 2. Spring, 1979.
ED 179 644 (UD)

Educational Research
Applied Mathematical Problem Solving.
ED 180 816 (SE)
A Classification of Evaluation Studies of Instructional Technology Included in the ERIC System.
ED 180 498 (IR)
Current Issues V: The Yearbook of Environmental Education and Environmental Studies. Selected Papers from the Eighth Annual Conference of the National Association for Environmental Education.
ED 180 822 (SE)
Home Economics Education; A Review and Synthesis of the Research. Information Series No. 184.
ED 179 768 (CE)
Interpreting Research Results on Teaching.
ED 164 517 (SP)
Research Reporting Sections, Annual Meeting of the National Council of Teachers of Mathematics (57th, Boston, Massachusetts, April 18-21, 1979).
ED 167 383 (SE)
Some Theoretical Issues in Mathematics Education: Papers From a Research Presession.
ED 180 815 (SE)
Student Retention vs. Social Promotion. The Best of ERIC, Number 43.
ED 166 771 (EA)
Viewpoints on Adult Education Research. Information Series No. 171.
ED 179 762 (CE)
What "First Generation" Research on Career Education Says to the Classroom Teacher--and Vice Versa. Information Series No. 179.
ED 179 766 (CE)

Educational Researchers
Directory of Organizations and Personnel in Educational Management. Sixth Edition.
ED 172 308 (EA)

Educational Resources
Guide to Educational Resources. Fourth Edition, Revised and Updated.
ED 180 503 (IR)
Understanding the Realities of Problem Solving in Elementary School With Practical Pointers for Teachers.
ED 179 424 (SE)

Educational Resources Information Center
Techniques and Strategies for Infusing Career Education into the Educational Program for Exceptional Children: Some Sample Resources. Information Series No. 181.
ED 179 767 (CE)

Educational Technology
An Assessment of the Current Status of Educational Technology.
ED 179 247 (IR)
A Classification of Evaluation Studies of Instructional Technology Included in the ERIC System.
ED 180 498 (IR)
Cost-Effectiveness Analysis and Instructional Technology: A Review of Conceptual Issues and Selected References.
ED 179 249 (IR)

Educational Testing
Tests and Testing Programs. Searchlight 14+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 392 (CG)

Educational Trends
The Decline of Transfer Education. Topical Paper Number 70.
ED 179 273 (JC)
Professional Education in the Eighties: Challenges and Responses. AAHE-ERIC/Higher Education Research Report No. 8, 1979.
ED 179 187 (HE)
Social Studies Teacher Education: Practices, Problems, and Recommendations.
ED 170 187 (SO)

Educationally Disadvantaged
Four Phases of Developmental Education. Junior College Resource Review.
ED 165 858 (JC)

Effective Teaching
Helping Others Learn to Teach: Some Principles and Techniques for Inservice Educators.
ED 164 102 (PS)
Interpreting Research Results on Teaching.
ED 164 517 (SP)

Elementary School Mathematics
Understanding the Realities of Problem Solving in Elementary School With Practical Pointers for Teachers.
ED 179 424 (SE)

Elementary Secondary Education
Energy Activities for the Classroom: Volume II.
ED 173 072 (SE)
Schooling in Haiti. ERIC/CUE Urban Diversity Series, Number 60.
ED 169 193 (UD)

Energy
Energy Activities for the Classroom: Volume II.
ED 173 072 (SE)

Energy Conservation
Energy Activities for the Classroom: Volume II.
ED 173 072 (SE)
Energy Management. The Best of ERIC on Educational Management, Number 47.
ED 179 002 (EA)

Energy Education
Energy Activities for the Classroom: Volume II.
ED 173 072 (SE)

English (Second Language)
Adult Vocational ESL. Language in Education: Theory and Practice, No. 22.
ED 176 592 (FL)
Foreign Languages, English as a Second/Foreign Language, and the U.S. Multinational Corporation. Language in Education: Theory and Practice, No. 16.
ED 179 089 (FL)
Graduate Theses and Dissertations in English as a Second Language: 1977-78. Language in Education: Theory and Practice, No. 15.
ED 175 244 (FL)
Problems and Teaching Strategies in ESL Composition. (If Johnny Has Problems, What about Joan, Jean, and Ywe-Han?) Language in Education: Theory and Practice, No. 14.
ED 175 243 (FL)

English Curriculum
Recommended English Language Arts Curriculum Guides K-12 and Criteria for Planning and Evaluation.
ED 176 332 (CS)

English for Special Purposes
Adult Vocational ESL. Language in Education: Theory and Practice, No. 22.
ED 176 592 (FL)

English Instruction
Recommended English Language Arts Curriculum Guides K-12 and Criteria for Planning and Evaluation.
ED 176 332 (CS)

Enrollment Trends
The Decline of Transfer Education. Topical Paper Number 70.
ED 179 273 (JC)
Trends in Ethnic Enrollments. Junior College Resource Review.
ED 164 056 (JC)

Environmental Education
Alliance Affiliate Activities: Non-Governmental Organizations in Environmental Education.
ED 168 887 (SE)
Current Issues V: The Yearbook of Environmental Education and Environmental Studies. Selected Papers from the Eighth Annual Conference of the National Association for Environmental Education.
ED 180 822 (SE)

Equal Education
Competency Testing and Equal Educational Opportunity. IRCD Bulletin, Volume 14, Number 2. Spring, 1979.
ED 179 644 (UD)
Educating Diverse Populations. Selected Papers. ERIC/CUE Urban Diversity Series, Number 59.
ED 169 192 (UD)
Minimum Competency Programs, Protected Classes, and Federal Agencies.
ED 178 617 (TM)
Physical Education and Athletics: Strategies for Meeting Title IX Requirements. Conference Proceedings. ERIC/CUE Urban Diversity Series, Number 66, August 1979.
ED 179 628 (UD)
Pursuing Equal Educational Opportunity: School Politics and the New Activists. ERIC/CUE Urban Diversity Series, Number 64, Summer 1979.
ED 179 625 (UD)

Equal Opportunities (Jobs)
The Implications of "Regents of California v. Bakke" For University Admission and Hiring.
ED 169 183 (UD)
Women in Academe: Steps to Greater Equality. AAHE-ERIC/Higher Education Research Report No. 1, 1979.
ED 169 873 (HE)

Equal Protection
Minimum Competency Programs, Protected Classes, and Federal Agencies.
ED 178 617 (TM)

ERIC
A Guide to Audiovisual Resources about ERIC.
ED 179 248 (IR)

ERIC Clearinghouse on Tests Measurement Evaluation
Evaluation of Users' Responses to the Information Analysis Products of the ERIC Clearinghouse on Tests, Measurement, and Evaluation.
ED 159 217 (TM)

Ethnic Groups
Trends in Ethnic Enrollments. Junior College Resource Review.
ED 164 056 (JC)

Ethnography
Schooling in Haiti. ERIC/CUE Urban Diversity Series, Number 60.
ED 169 193 (UD)

Evaluation
Evaluation of Users' Responses to the Information Analysis Products of the ERIC Clearinghouse on Tests, Measurement, and Evaluation.
ED 159 217 (TM)
Parent Involvement in Education: A Bibliography.
ED 174 352 (PS)

Evaluation Criteria
Administrative Evaluation. Administrator's Update. Volume 1, Number 1.
ED 172 643 (HE)
Recommended English Language Arts Curriculum Guides K-12 and Criteria for Planning and Evaluation.
ED 176 332 (CS)
What "First Generation" Research on Career Education Says to the Classroom Teachers–and Vice Versa. Information Series No. 179.
ED 179 766 (CE)

Evaluation Methods
A Classification of Evaluation Studies of Instructional Technology Included in the ERIC System.
ED 180 498 (IR)
Evaluating a Second Language Program. Language in Education: Theory and Practice, No. 19.
ED 176 589 (FL)
Evaluation and Development of Administrators. AAHE-ERIC/Higher Education Research Report No. 6, 1979.
ED 176 711 (HE)
How Communities and American Indian Parents Can Identify and Remove Culturally Biased Books from Schools.
ED 167 337 (RC)
Intensive Foreign Language Courses. Language in Education: Theory and Practice, No. 18.
ED 176 587 (FL)
Selecting and Using Tests of Career Skills. Information Series No. 177.
ED 179 763 (CE)
Tests and Testing Programs. Searchlight 14+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 392 (CG)

Evaluation Needs
Implications of Minimum-Competency Testing for Minority Students.
ED 178 616 (TM)
Minimum-Competency Testing: the Newest Obstruction to the Education of Black and Other Disadvantaged Americans.
ED 178 618 (TM)
What "First Generation" Research on Career Education Says to the Classroom Teachers–and Vice Versa. Information Series No. 179.
ED 179 766 (CE)

Exceptional Child Education
Techniques and Strategies for Infusing Career Education into the Educational Program for Exceptional Children: Some Sample Resources. Information Series No. 181.
ED 179 767 (CE)

Exceptional Child Services
Counseling Exceptional People.
ED 181 397 (CG)

Exceptional Persons
Counseling Exceptional People.
ED 181 397 (CG)

Faculty Advisors
Academic Advising: Getting Us Through the Eighties. AAHE-ERIC/Higher Education Research Reports, No. 7, 1979.
ED 178 [illegible]23 (HE)

Faculty College Relationship
Old Expectations, New Realities: The Academic Profession Revisited. AAHE-ERIC/Higher Education Research Report No. 2, 1979.
ED 169 874 (HE)

Federal Aid
Changing Values in Higher Education. AAHE-ERIC/Higher Education Research Currents, April 1979.
ED 169 876 (HE)
Reauthorizing the Higher Education Act of 1965. AAHE-ERIC/Higher Education Research Currents, November 1979.
ED 178 022 (HE)

Federal Government
Imaginary Gardens? Real Problems: An Analysis of Federal Information Sources on Rural Education.
ED 167 318 (RC)

Federal Legislation
Minimum Competency Programs, Protected Classes, and Federal Agencies.
ED 178 617 (TM)
Physical Education and Athletics: Strategies for Meeting Title IX Requirements. Conference Proceedings. ERIC/CUE Urban Diversity Series, Number 66, August 1979.
ED 179 628 (UD)
Reauthorizing the Higher Education Act of 1965. AAHE-ERIC/Higher Education Research Currents, November 1979.
ED 178 022 (HE)

Federal Programs
State Directory of Educational Dissemination for Adult, Career, and Vocational Education. Information Series No. 182.
ED 179 765 (CE)

Females
Perspectives on Sex and Gender: Proceedings of a Multidisciplinary Conference. ERIC/CUE Urban Diversity Series, Number 61.
ED 169 197 (UD)
Physical Education and Athletics: Strategies for Meeting Title IX Requirements. Conference Proceedings. ERIC/CUE Urban Diversity Series, Number 66, August 1979.
ED 179 628 (UD)
Women in Academe: Steps to Greater Equality. AAHE-ERIC/Higher Education Research Report No. 1, 1979.
ED 169 873 (HE)

Field Experience Programs
Outdoor Education: Community Studies Through Field Experiences.
ED 167 317 (RC)

Financial Policy
Budgeting in Higher Education. AAHE-ERIC/Higher Education Research Report No. 3, 1979.
ED 169 875 (HE)
Reauthorizing the Higher Education Act of 1965. AAHE-ERIC/Higher Education Research Currents, November 1979.
ED 178 022 (HE)

Financial Problems
Community College Financing in the Post-Proposition 13 Era. Junior College Resource Review.
ED 162 712 (JC)
The Three "R's" of the Eighties: Reduction, Reallocation, and Retrenchment.
ED 172 642 (HE)

Financial Support
Perspective: Community Colleges in the 1980s. Horizon Issues Monograph Series.
ED 178 146 (JC)

Fine Arts
Institutionalizing the Muse: The Arts and Artist in Higher Education. AAHE-ERIC/Higher Education. Research Currents.
ED 165 640 (HE)

Foreign Countries
The Development and Education of Children Outside the United States: An ERIC Abstract Bibliography.
ED 164 125 (PS)

Foreign Nationals
Foreign Languages, English as a Second/Foreign Language, and the U.S. Multinational Corporation. Language in Education: Theory and Practice, No. 16.
ED 179 089 (FL)

Foreign Policy
ERIC First Analysis: 1979-80 National High School Debate Resolutions (What Should Be the Future Direction of the Foreign Policy of the United States?).
ED 170 805 (CS)

Fuel Consumption
Energy Management. The Best of ERIC on Educational Management, Number 47.
ED 179 002 (EA)

Futures (of Society)
An Assessment of the Current Status of Educational Technology.
ED 179 247 (IR)

Future Studies in the K-12 Curriculum.
ED 180 859 (SO)
Perspectives on Graduate Programs in Education.
ED 173 277 (SP)

Games
Simulations and Games: An ERIC Bibliography. Bibliographies on Educational Topics No. 11.
ED 177 149 (SP)

General Education
Revamping Core Curricula. AAHE-ERIC/ Higher Education Research Currents, May 1979.
ED 169 877 (HE)
Shaping the Curriculum. New Directions for Community Colleges, Number 25.
ED 171 334 (JC)

Gerontology
Counseling the Aging. Searchlight 11+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 394 (CG)
Information in Social Gerontology.
ED 169 951 (IR)

Gifted
Fact Sheets from the ERIC Clearinghouse on Handicapped and Gifted Children: 1977 Series.
ED 179 032 (EC)
Fact Sheets from the ERIC Clearinghouse on Handicapped and Gifted Children: 1979 Series.
ED 179 034 (EC)

Global Approach
Global Issues: Activities and Resources for the High School Teacher.
ED 179 436 (SO)

Government Role
Pursuing Equal Educational Opportunity: School Politics and the New Activists. ERIC/CUE Urban Diversity Series, Number 64, Summer 1979.
ED 179 625 (UD)

Government School Relationship
Minimum Competency Programs, Protected Classes, and Federal Agencies.
ED 178 617 (TM)

Grade Repetition
Student Retention vs. Social Promotion. The Best of ERIC, Number 43.
ED 166 771 (EA)

Graduate Study
Graduate Theses and Dissertations in English as a Second Language: 1977-78. Language in Education: Theory and Practice, No. 15.
ED 175 244 (FL)
Perspectives on Graduate Programs in Education.
ED 173 277 (SP)

Guidance
Guidance and Counseling: Perspectives on an Emerging Profession.
ED 181 390 (CG)
Program Evaluation and Accountability. Searchlight 7+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 391 (CG)
Tests and Testing Programs. Searchlight 14+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 392 (CG)

Guidance Counseling
Computerized Career Information and Guidance Systems. Information Series No. 178.
ED 179 764 (CE)

Guidance Personnel
Consultation Skills for Pupil Personnel Services Staff.
ED 181 387 (CG)

Guides
A Guide to Audiovisual Resources about ERIC.
ED 179 248 (IR)

Haiti
Schooling in Haiti. ERIC/CUE Urban Diversity Series, Number 60.
ED 169 193 (UD)

Handicapped
Counseling Exceptional People.
ED 181 397 (CG)

Handicapped Children
Children on Medication: A Primer for School Personnel.
ED 170 978 (EC)
Fact Sheets from the ERIC Clearinghouse on Handicapped and Gifted Children: 1977 Series.
ED 179 032 (EC)
Fact Sheets from the ERIC Clearinghouse on Handicapped and Gifted Children: 1978 Series.
ED 179 033 (EC)
Fact Sheets from the ERIC Clearinghouse on Handicapped and Gifted Children: 1979 Series.
ED 179 034 (EC)

Handicapped Students
Administering Programs for Handicapped Students. Professional Development Series, No. 3.
ED 179 770 (CE)
Career Education for the Handicapped Child: A Guide to Parent Education Programming. Information Series No. 180.
ED 179 772 (CE)
Four Phases of Developmental Education. Junior College Resource Review.
ED 165 858 (JC)
Serving Handicapped Students in Vocational Education: A Guide for Counselors. Information Series No. 186.
ED 179 771 (CE)
Serving New Populations. New Directions for Community Colleges, Number 27.
ED 175 320 (JC)
Techniques and Strategies for Infusing Career Education into the Educational Program for Exceptional Children: Some Sample Resources. Information Series No. 181.
ED 179 767 (CE)

Health Education
Influencing Behavior Through Instruction: Methodology in Health Education.
ED 168 972 (SP)

Higher Education
Budgeting in Higher Education. AAHE-ERIC/ Higher Education Research Report No. 3, 1979.
ED 169 875 (HE)
Changing Values in Higher Education. AAHE-ERIC/Higher Education Research Currents, April 1979.
ED 169 876 (HE)
Occupational Programs in Four-Year Colleges: Trends and Issues. AAHE-ERIC/ Higher Education Research Report No. 5, 1979.
ED 176 645 (HE)
Old Expectations, New Realities: The Academic Profession Revisited. AAHE-ERIC/Higher Education Research Report No. 2, 1979.
ED 169 874 (HE)
Professional Education in the Eighties: Challenges and Responses. AAHE-ERIC/Higher Education Research Report No. 8, 1979.
ED 179 187 (HE)
The Three "R's" of the Eighties: Reduction, Reallocation, and Retrenchment.
ED 172 642 (HE)
Women in Academe: Steps to Greater Equality. AAHE-ERIC/Higher Education Research Report No. 1, 1979.
ED 169 873 (HE)

Higher Education Act Title IV
Reauthorizing the Higher Education Act of 1965. AAHE-ERIC/Higher Education Research Currents, November 1979.
ED 178 022 (HE)

Home Economics Education
Home Economics Education; A Review and Synthesis of the Research. Information Series No. 184.
ED 179 768 (CE)

Human Body
Relaxation: Education's Fourth "R."
ED 164 497 (SP)

Human Relations
The Annotated Bibliography on Cross-Cultural Problems in Education. Volume II: Published Literature (Books). ERIC/CUE Urban Diversity Series, Number 62.
ED 169 191 (UD)

Human Resources
Managing in a New Era. New Directions for Community Colleges, Number 28.
ED 178 149 (JC)

Hypertension
Relaxation: Education's Fourth "R."
ED 164 497 (SP)

Immigrants
Hispanic Migrations from the Caribbean and Latin America: Implications for Educational Policy, Planning and Practice; Conference Proceedings. ERIC/CUE Urban Diversity Series, Number 65, August 1979.
ED 179 624 (UD)
Schooling in Haiti. ERIC/CUE Urban Diversity Series, Number 60.
ED 169 193 (UD)

In State Students
Interstate Migration of College Students. AAHE-ERIC/Higher Education Research Currents, December 1979.
ED 180 327 (HE)

Individual Development
Serving Handicapped Students in Vocational Education: A Guide for Counselors. Information Series No. 186.
ED 179 771 (CE)

Individualized Programs
Administering Programs for Handicapped Students. Professional Development Series, No. 3.
ED 179 770 (CE)

Information Analysis Products
Changing Administrative Relations Under Collective Bargaining. Junior College Resource Review.
ED 170 015 (JC)
Evaluation of Users' Responses to the Information Analysis Products of the ERIC Clearinghouse on Tests, Measurement, and Evaluation.
ED 159 217 (TM)
Research Reporting Sections, Annual Meeting of the National Council of Teachers of Mathematics (57th, Boston, Massachusetts, April 18-21, 1979).
ED 167 383 (SE)
Social Studies Teacher Education: Practices, Problems, and Recommendations.
ED 170 187 (SO)
What "First Generation" Research on Career Education Says to the Classroom Teachers—and Vice Versa. Information Series No. 179.
ED 179 766 (CE)

Information Dissemination
State Directory of Educational Dissemination for Adult, Career, and Vocational Education. Information Series No. 182.
ED 179 765 (CE)

Information Needs
Imaginary Gardens? Real Problems: An Analysis of Federal Information Sources on Rural Education.
ED 167 318 (RC)
Information in Social Gerontology.
ED 169 951 (IR)
The Information Interview: A Comprehensive Bibliography and an Analysis of the Literature.
ED 180 501 (IR)

Information Retrieval
How to Search ERIC for American Indian Materials.
ED 168 762 (RC)

Information Sources
Counting the Transfer Students. Junior College Resource Review.
ED 172 864 (JC)
Guide to Educational Resources. Fourth Edition, Revised and Updated.
ED 180 503 (IR)
How to Search ERIC for American Indian Materials.
ED 168 762 (RC)
Imaginary Gardens? Real Problems: An Analysis of Federal Information Sources on Rural Education.
ED 167 318 (RC)
Information in Social Gerontology.
ED 169 951 (IR)

Resource Resourcefulness: A One-Day Training Workshop.
ED 181 388 (CG)
Sex Education and the Library: A Basic Bibliography for the General Public with Special Resources for the Librarian.
ED 180 504 (IR)

Information Systems
Computerized Career Information and Guidance Systems. Information Series No. 178.
ED 179 764 (CE)
National Migrant Education Program Math Skills Information System.
ED 164 227 (RC)
The Teacher and the Reading Skills Report for Migrant Students.
ED 170 078 (RC)

Information Utilization
Evaluation of Users' Responses to the Information Analysis Products of the ERIC Clearinghouse on Tests, Measurement, and Evaluation.
ED 159 217 (TM)

Infusion Techniques
Techniques and Strategies for Infusing Career Education into the Educational Program for Exceptional Children: Some Sample Resources. Information Series No. 181.
ED 179 767 (CE)

Input Output
The Teacher and the Reading Skills Report for Migrant Students.
ED 170 078 (RC)

Inservice Programs
Resource Resourcefulness: A One-Day Training Workshop.
ED 181 388 (CG)
Staff Development for the Social Studies Teacher.
ED 180 860 (SO)

Inservice Teacher Education
Helping Others Learn to Teach: Some Principles and Techniques for Inservice Educators.
ED 164 102 (PS)

Institutionalized Persons
An Essay on Incarcerated Youth: An Oppressed Group.
ED 170 991 (EC)

Instruction
Research Reporting Sections, Annual Meeting of the National Council of Teachers of Mathematics (57th, Boston, Massachusetts, April 18-21, 1979).
ED 167 383 (SE)
Resources for Teaching Mathematics in Bilingual Classrooms.
ED 170 119 (SE)

Instructional Aids
A Working Bibliography of Commercially Available Audiovisual Materials for the Teaching of Library Science. Second Edition, Revised and Expanded.
ED 180 502 (IR)

Instructional Design
An Assessment of the Current Status of Educational Technology.
ED 179 247 (IR)
Cost-Effectiveness Analysis and Instructional Technology: A Review of Conceptual Issues and Selected References.
ED 179 249 (IR)

Instructional Materials
Bibliographic Instruction in Academic Libraries. A Review of the Literature and Selected Bibliography.
ED 180 505 (IR)
Consumer Education Sourcebook.
ED 180 861 (SO)
Current Issues V: The Yearbook of Environmental Education and Environmental Studies. Selected Papers from the Eighth Annual Conference of the National Association for Environmental Education.
ED 180 922 (SE)
Data Book of Social Studies Materials and Resources, Volume 5.
ED 180 858 (SO)
Energy Activities for the Classroom: Volume II.
ED 173 072 (SE)
How Communities and American Indian Parents Can Identify and Remove Culturally Biased Books from Schools.
ED 167 337 (RC)
Research and Investigation in Adult Education: 1976-1978 Register. Information Series No. 169.
ED 179 761 (CE)

Instructional Media
A Guide to Audiovisual Resources about ERIC.
ED 179 248 (IR)

Intensive Language Courses
Intensive Foreign Language Courses. Language in Education: Theory and Practice, No. 18.
ED 176 587 (FL)

Intercultural Programs
Advancing International Education. New Directions for Community Colleges, Number 26.
ED 169 973 (JC)

Interdisciplinary Approach
Future Studies in the K-12 Curriculum.
ED 180 859 (SO)

International Education
Advancing International Education. New Directions for Community Colleges, Number 26.
ED 169 973 (JC)

International Educational Exchange
Advancing International Education. New Directions for Community Colleges, Number 26.
ED 169 973 (JC)

Interviews
The Information Interview: A Comprehensive Bibliography and an Analysis of the Literature.
ED 180 501 (IR)

Job Layoff
Alternatives to Tenure. AAHE-ERIC/Higher Education Research Currents. March 1979.
ED 165 694 (HE)

Job Satisfaction
Motivation of Teachers. ACSA School Management Digest, Series 1, Number 18. ERIC/CEM Research Analysis Series, Number 46.
ED 178 998 (EA)

Job Skills
Selecting and Using Tests of Career Skills. Information Series No. 177.
ED 179 763 (CE)

Junior College Students
Serving New Populations. New Directions for Community Colleges, Number 27.
ED 175 520 (JC)

Junior Colleges
Advancing International Education. New Directions for Community Colleges, Number 26.
ED 169 973 (JC)
Changing Administrative Relations Under Collective Bargaining. Junior College Resource Review.
ED 170 015 (JC)
Community College Financing in the Post-Proposition 13 Era. Junior College Resource Review.
ED 162 712 (JC)
The Decline of Transfer Education. Topical Paper Number 70.
ED 179 273 (JC)
Developmental Mathematics. Junior College Resource Review.
ED 172 894 (JC)
Four Phases of Developmental Education. Junior College Resource Review.
ED 165 858 (JC)
Managing in a New Era. New Directions for Community Colleges, Number 28.
ED 178 149 (JC)
Perspective: Community Colleges in the 1980s. Horizon Issues Monograph Series.
ED 178 146 (JC)
Science and Social Science in the Two-Year College. Topical Paper Number 69.
ED 172 854 (JC)
Shaping the Curriculum. New Directions for Community Colleges, Number 25.
ED 171 334 (JC)
Trends in Ethnic Enrollments. Junior College Resource Review.
ED 164 056 (JC)

Language Arts
Listening: Its Impact at All Levels on Reading and the Other Language Arts. Revised Edition.
ED 169 537 (CS)
Recommended English Language Arts Curriculum Guides K-12 and Criteria for Planning and Evaluation.
ED 176 332 (CS)

Language Development
Oral Language: Expression of Thought. Updated Edition.
ED 168 025 (CS)

Language Instruction
Adult Vocational ESL. Language in Education: Theory and Practice, No. 22.
ED 176 592 (FL)
Games and Simulations in the Foreign Language Classroom. Language in Education.
ED 177 887 (FL)
Graduate Theses and Dissertations in English as a Second Language: 1977-78. Language in Education: Theory and Practice, No. 15.
ED 175 244 (FL)
Intensive Foreign Language Courses. Language in Education: Theory and Practice, No. 18.
ED 176 587 (FL)
Problems and Teaching Strategies in ESL Composition. (If Johnny Has Problems, What about Joan, Jean, and Ywe-Han?) Language in Education: Theory and Practice, No. 14.
ED 175 243 (FL)
Reading a Second Language. Language in Education: Theory and Practice, No. 20.
ED 176 588 (FL)

Language Programs
Evaluating a Second Language Program. Language in Education: Theory and Practice, No. 19.
ED 176 589 (FL)

Language Research
Graduate Theses and Dissertations in English as a Second Language: 1977-78. Language in Education: Theory and Practice, No. 15.
ED 175 244 (FL)

Language Tests
Testing Oral Communication in the Foreign Language Classroom. Language in Education: Theory and Practice, No. 17.
ED 176 590 (FL)

Language Usage
Teaching Reading Comprehension: Theory and Practice.
ED 169 478 (CS)

Language Variation
Chicano English. Language in Education: Theory and Practice, No. 21.
ED 176 591 (FL)

Leadership
Leadership Effectiveness. ACSA School Management Digest, Series 1, No. 16. ERIC/CEM Research Analysis Series Number 44.
ED 176 362 (EA)
Managing in a New Era. New Directions for Community Colleges, Number 28.
ED 178 149 (JC)

Leadership Qualities
Administrative Evaluation. Administrator's Update. Volume 1, Number 1.
ED 172 643 (HE)

Learning
Explorations in the Modeling of the Learning of Mathematics.
ED 173 113 (SE)

Learning Activities
Communicating with the Elderly: Shattering Stereotypes.
ED 172 285 (CS)
Games and Simulations in the Foreign Language Classroom. Language in Education.
ED 177 887 (FL)
Law in the Classroom. Activities and Resources.
ED 179 468 (SO)
Listening Instruction.
ED 170 827 (CS)
Selected Social Studies Skills: 88 Reinforcement Lessons for Secondary Students.
ED 170 188 (SO)

Teaching Reading Comprehension: Theory and Practice.
ED 169 478 (CS)

Learning Processes
Some Theoretical Issues in Mathematics Education: Papers From a Research Presession.
ED 180 815 (SE)

Learning Theories
Developmental Implications of Science Teaching: Early Adolescence.
ED 174 401 (SE)

Legal Education
Law in the Classroom. Activities and Resources.
ED 179 468 (SO)

Legal Problems
College Student Press Law. Second Edition.
ED 180 000 (CS)

Librarians
The Information Interview: A Comprehensive Bibliography and an Analysis of the Literature.
ED 180 501 (IR)

Library Education
A Working Bibliography of Commercially Available Audiovisual Materials for the Teaching of Lirary Science. Second Edition, Revised and Expanded.
ED 180 502 (IR)

Library Instruction
Bibliographic Instruction in Academic Libraries. A Review of the Literature and Selected Bibliography.
ED 180 505 (IR)

Library Reference Services
The Information Interview: A Comprehensive Bibliography and an Analysis of the Literature.
ED 180 501 (IR)

Library Role
Sex Education and the Library: A Basic Bibliography for the General Public with Special Resources for the Librarian.
ED 180 504 (IR)

Library Science
A Working Bibliography of Commercially Available Audiovisual Materials for the Teaching of Lirary Science. Second Edition, Revised and Expanded.
ED 180 502 (IR)

Listening
Listening Instruction.
ED 170 827 (CS)
Listening: Its Impact at All Levels on Reading and the Other Language Arts. Revised Edition.
ED 169 537 (CS)

Listening Skills
Listening Instruction.
ED 170 827 (CS)
Listening: Its Impact at All Levels on Reading and the Other Language Arts. Revised Edition.
ED 169 537 (CS)

Literature Reviews
Student Retention vs. Social Promotion. The Best of ERIC, Number 43.
ED 166 771 (EA)
Trends in Ethnic Enrollments. Junior College Resource Review.
ED 164 056 (JC)

Mainstreaming
Administering Programs for Handicapped Students. Professional Development Series, No. 3.
ED 179 770 (CE)

Males
Perspectives on Sex and Gender: Proceedings of a Multidisciplinary Conference. ERIC/CUE Urban Diversity Series, Number 61.
ED 169 197 (UD)

Management Development
Evaluation and Development of Administrators. AAHE-ERIC/Higher Education Research Report No. 6, 1979.
ED 176 711 (HE)
Time and Resource Management for Small Schools.
ED 167 305 (RC)

Manpower Development
Vocational Guidance in Manpower Development: Papers Presented at the Asian Regional Conference-Workshop (Manila, Philippines, 1977).
ED 181 389 (CG)

Masters Theses
Graduate Theses and Dissertations in English as a Second Language: 1977-78. Language in Education: Theory and Practice, No. 15.
ED 175 244 (FL)

Mathematical Applications
Applied Mathematical Problem Solving.
ED 180 816 (SE)

Mathematical Models
Explorations in the Modeling of the Learning of Mathematics.
ED 173 113 (SE)

Mathematics
National Migrant Education Program Math Skills Information System.
ED 164 227 (RC)

Mathematics Education
Applied Mathematical Problem Solving.
ED 180 816 (SE)
Explorations in the Modeling of the Learning of Mathematics.
ED 173 113 (SE)
Research Reporting Sections, Annual Meeting of the National Council of Teachers of Mathematics (57th, Boston, Massachusetts, April 18-21, 1979).
ED 167 383 (SE)
Resources for Teaching Mathematics in Bilingual Classrooms.
ED 170 119 (SE)
Some Theoretical Issues in Mathematics Education: Papers From a Research Presession.
ED 180 815 (SE)

Mathematics Education Reports
Explorations in the Modeling of the Learning of Mathematics.
ED 173 113 (SE)

Mathematics Instruction
Understanding the Realities of Problem Solving in Elementary School With Practical Pointers for Teachers.
ED 179 424 (SE)

Media Research
A Classification of Evaluation Studies of Instructional Technology Included in the ERIC System.
ED 180 498 (IR)

Media Specialists
Assessing the Competencies of Media Professionals: A Model for Determining Costs and Effectiveness.
ED 179 250 (IR)

Merit Pay
Merit Pay Programs. The Best of ERIC, Number 44.
ED 168 128 (EA)

Methods
Parent Involvement in Education: A Bibliography.
ED 174 352 (PS)

Mexican Americans
Chicano English. Language in Education: Theory and Practice, No. 21.
ED 176 591 (FL)

Middle Class College Students
Changing Values in Higher Education. AAHE-ERIC/Higher Education Research Currents, April 1979.
ED 169 876 (HE)

Migrant Education
National Migrant Education Program Math Skills Information System.
ED 164 227 (RC)
The Teacher and the Reading Skills Report for Migrant Students.
ED 170 078 (RC)

Migration Patterns
Interstate Migration of College Students. AAHE-ERIC/Higher Education Research Currents, December 1979.
ED 180 327 (HE)

Minimum Competency Testing
Competency Testing and Equal Educational Opportunity. IRCD Bulletin, Volume 14, Number 2. Spring, 1979.
ED 179 644 (UD)
Do Minorities Embrace the Concept of Minimum Competency?.
ED 178 615 (TM)
Implications of Minimum-Competency Testing for Minority Students.
ED 178 616 (TM)
Minimum Competency Programs, Protected Classes, and Federal Agencies.
ED 178 617 (TM)
Minimum-Competency Testing: the Newest Obstruction to the Education of Black and Other Disadvantaged Americans.
ED 178 618 (TM)

Minority Group Children
Educating Diverse Populations. Selected Papers. ERIC/CUE Urban Diversity Series, Number 59.
ED 169 192 (UD)

Minority Groups
Do Minorities Embrace the Concept of Minimum Competency?.
ED 178 615 (TM)
ERIC References on Urban and Minority Education. Equal Opportunity Review.
ED 173 506 (UD)
Minimum Competency Programs, Protected Classes, and Federal Agencies.
ED 178 617 (TM)
Trends in Ethnic Enrollments. Junior College Resource Review.
ED 164 056 (JC)

Models
Program Evaluation and Accountability. Searchlight 7+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 391 (CG)

Motivation
A Practitioner's Guide to Concepts and Measures of Motivation.
ED 169 953 (IR)

National Council of Teachers of Mathematics
Research Reporting Sections, Annual Meeting of the National Council of Teachers of Mathematics (57th, Boston, Massachusetts, April 18-21, 1979).
ED 167 383 (SE)

National Endowment for the Arts
Institutionalizing the Muse: The Arts and Artist in Higher Education. AAHE-ERIC/Higher Education. Research Currents.
ED 165 640 (HE)

National High School Debate Resolutions (1979 80)
ERIC First Analysis: 1979-80 National High School Debate Resolutions (What Should Be the Future Direction of the Foreign Policy of the United States?).
ED 170 805 (CS)

National Migrant Educ Prog Math Skills Info System
National Migrant Education Program Math Skills Information System.
ED 164 227 (RC)

Need Analysis (Student Financial Aid)
Changing Values in Higher Education. AAHE-ERIC/Higher Education Research Currents, April 1979.
ED 169 876 (HE)

Needs Assessment
Perspectives on Graduate Programs in Education.
ED 173 277 (SP)

Nonformal Education
Current Issues V: The Yearbook of Environmental Education and Environmental Studies. Selected Papers from the Eighth Annual Conference of the National Association for Environmental Education.
ED 180 822 (SE)

Nonstandard Dialects
Oral Language: Expression of Thought. Updated Edition.
ED 168 025 (CS)

Nontraditional Students
Serving New Populations. New Directions for Community Colleges, Number 27.
ED 175 520 (JC)

Objectives
Parent Involvement in Education: A Bibliography.
ED 174 352 (PS)

Occupational Guidance
The Counselor as Consultant. Searchlight 42+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 395 (CG)
Vocational Guidance in Manpower Development: Papers Presented at the Asian Regional Conference-Workshop (Manila, Philippines, 1977).
ED 181 389 (CG)

Occupational Home Economics
Home Economics Education; A Review and Synthesis of the Research. Information Series No. 184.
ED 179 768 (CE)

Older Adults
Communicating with the Elderly: Shattering Stereotypes.
ED 172 285 (CS)
Counseling the Aging. Searchlight 11+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 394 (CG)
Information in Social Gerontology.
ED 169 951 (IR)
Serving New Populations. New Directions for Community Colleges, Number 27.
ED 175 520 (JC)

On Line Systems
National Migrant Education Program Math Skills Information System.
ED 164 227 (RC)
The Teacher and the Reading Skills Report for Migrant Students.
ED 170 078 (RC)

Oral Language
Oral Language: Expression of Thought. Updated Edition.
ED 168 025 (CS)

Oral Tests
Testing Oral Communication in the Foreign Language Classroom. Language in Education: Theory and Practice, No. 17.
ED 176 590 (FL)

Organization
Alliance Affiliate Activities: Non-Governmental Organizations in Environmental Education.
ED 168 887 (SE)

Organizations (Groups)
Consumer Education Sourcebook.
ED 180 861 (SO)

Orientational Reference
Reading a Second Language. Language in Education: Theory and Practice, No. 20.
ED 176 588 (FL)

Out of State Students
Interstate Migration of College Students. AAHE-ERIC/Higher Education Research Currents, December 1979.
ED 180 327 (HE)

Outdoor Education
Current Issues V: The Yearbook of Environmental Education and Environmental Studies. Selected Papers from the Eighth Annual Conference of the National Association for Environmental Education.
ED 180 822 (SE)
Outdoor Education: Community Studies Through Field Experiences.
ED 167 317 (RC)

Overseas Employment
Foreign Languages, English as a Second/Foreign Language, and the U.S. Multinational Corporation. Language in Education: Theory and Practice, No. 16.
ED 179 089 (FL)

Parent Participation
Day Care Update: Programs, Policy and Research. An ERIC Abstract Bibliography.
ED 167 241 (PS)
Parent Involvement in Education: A Bibliography.
ED 174 352 (PS)

Parent Role
Career Education for the Handicapped Child: A Guide to Parent Education Programming. Information Series No. 180.
ED 179 772 (CE)

Parent School Relationship
How Communities and American Indian Parents Can Identify and Remove Culturally Biased Books from Schools.
ED 167 337 (RC)

Participatory Research
Viewpoints on Adult Education Research. Information Series No. 171.
ED 179 762 (CE)

Performance Based Education
Assessing the Competencies of Media Professionals: A Model for Determining Costs and Effectiveness.
ED 179 250 (IR)
Do Minorities Embrace the Concept of Minimum Competency?.
ED 178 615 (TM)

Performance Based Teacher Education
Vocational Teacher Education: A Review of the Research. Information Series No. 185.
ED 179 769 (CE)

Personality Tests
A Practitioner's Guide to Concepts and Measures of Motivation.
ED 169 953 (IR)

Personnel Policy
Alternatives to Tenure. AAHE-ERIC/Higher Education Research Currents. March 1979.
ED 165 694 (HE)

Persuasive Discourse
ERIC First Analysis: 1979-80 National High School Debate Resolutions (What Should Be the Future Direction of the Foreign Policy of the United States?).
ED 170 805 (CS)

Philippines
Vocational Guidance in Manpower Development: Papers Presented at the Asian Regional Conference-Workshop (Manila, Philippines, 1977).
ED 181 389 (CG)

Physical Education
Physical Education and Athletics: Strategies for Meeting Title IX Requirements. Conference Proceedings. ERIC/CUE Urban Diversity Series, Number 66, August 1979.
ED 179 628 (UD)

Physical Fitness
Influencing Behavior Through Instruction: Methodology in Health Education.
ED 168 972 (SP)

Piaget (Jean)
Developmental Implications of Science Teaching: Early Adolescence.
ED 174 401 (SE)

Planning
School Closing. The Best of ERIC Clearinghouse on Educational Management, Number 46.
ED 172 319 (EA)

Policy Formation
Day Care Update: Programs, Policy and Research. An ERIC Abstract Bibliography.
ED 167 241 (PS)

Politics
Pursuing Equal Educational Opportunity: School Politics and the New Activists. ERIC/CUE Urban Diversity Series, Number 64, Summer 1979.
ED 179 625 (UD)

Postsecondary Education
Counting the Transfer Students. Junior College Resource Review.
ED 172 864 (JC)

Prediction
Future Studies in the K-12 Curriculum.
ED 180 859 (SO)

Preschool Education
Directory of Educational Programs for Adults Who Work With Children.
ED 170 021 (PS)

Presidents
Evaluation and Development of Administrators. AAHE-ERIC/Higher Education Research Report No. 6, 1979.
ED 176 711 (HE)

Problem Solving
Applied Mathematical Problem Solving.
ED 180 816 (SE)
Understanding the Realities of Problem Solving in Elementary School With Practical Pointers for Teachers.
ED 179 424 (SE)

Professional Continuing Education
Professional Education in the Eighties: Challenges and Responses. AAHE-ERIC/Higher Education Research Report No. 8, 1979.
ED 179 187 (HE)
Research and Investigation in Adult Education: 1976-1978 Register. Information Series No. 169.
ED 179 761 (CE)

Professional Development
Consultation Skills for Pupil Personnel Services Staff.
ED 181 387 (CG)
Counseling Adults for Life Transitions.
ED 181 396 (CG)
Evaluation and Development of Administrators. AAHE-ERIC/Higher Education Research Report No. 6, 1979.
ED 176 711 (HE)
Guidance and Counseling: Perspectives on an Emerging Profession.
ED 181 390 (CG)

Professional Education
Professional Education in the Eighties: Challenges and Responses. AAHE-ERIC/Higher Education Research Report No. 8, 1979.
ED 179 187 (HE)

Professional Personnel
Resource Resourcefulness: A One-Day Training Workshop.
ED 181 388 (CG)

Program Administration
Administering Programs for Handicapped Students. Professional Development Series, No. 3.
ED 179 770 (CE)
Student Activities Programs. The Best of ERIC, Number 45.
ED 169 612 (EA)

Program Content
Research and Investigation in Adult Education: 1976-1978 Register. Information Series No. 169.
ED 179 761 (CE)

Program Descriptions
Alliance Affiliate Activities: Non-Governmental Organizations in Environmental Education.
ED 168 887 (SE)
The Development and Education of Children Outside the United States: An ERIC Abstract Bibliography.
ED 164 125 (PS)
Outdoor Education: Community Studies Through Field Experiences.
ED 167 317 (RC)

Program Design
Adult Vocational ESL. Language in Education: Theory and Practice, No. 22.
ED 176 592 (FL)

Career Education for the Handicapped Child: A Guide to Parent Education Programming. Information Series No. 180.
ED 179 772 (CE)

Program Development
Outdoor Education: Community Studies Through Field Experiences.
ED 167 317 (RC)

Program Discontinuance
The Three "R's" of the Eighties: Reduction, Reallocation, and Retrenchment.
ED 172 642 (HE)

Program Effectiveness
Perspectives on Graduate Programs in Education.
ED 173 277 (SP)
What "First Generation" Research on Career Education Says to the Classroom Teachers–and Vice Versa. Information Series No. 179.
ED 179 766 (CE)

Program Evaluation
Cost-Effectiveness Analysis and Instructional Technology: A Review of Conceptual Issues and Selected References.
ED 179 249 (IR)
Evaluating a Second Language Program. Language in Education: Theory and Practice, No. 19.
ED 176 589 (FL)
Program Evaluation and Accountability. Searchlight 7+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 391 (CG)

Program Planning
Day Care Update: Programs, Policy and Research. An ERIC Abstract Bibliography.
ED 167 241 (PS)
Research and Investigation in Adult Education: 1976-1978 Register. Information Series No. 169.
ED 179 761 (CE)

Pronunciation
Chicano English. Language in Education: Theory and Practice, No. 21.
ED 176 591 (FL)

Public Opinion
Implications of Minimum-Competency Testing for Minority Students.
ED 178 616 (TM)

Publications
Evaluation of Users' Responses to the Information Analysis Products of the ERIC Clearinghouse on Tests, Measurement, and Evaluation.
ED 159 217 (TM)

Pupil Personnel Services
Consultation Skills for Pupil Personnel Services Staff.
ED 181 387 (CG)

Racial Differences
Competency Testing and Equal Educational Opportunity. IRCD Bulletin, Volume 14, Number 2. Spring, 1979.
ED 179 644 (UD)

Racial Discrimination
Minimum-Competency Testing: the Newest Obstruction to the Education of Black and Other Disadvantaged Americans.
ED 178 618 (TM)

Racial Factors
The Implications of "Regents of California v. Bakke" For University Admission and Hiring.
ED 169 183 (UD)

Rating Scales
Testing Oral Communication in the Foreign Language Classroom. Language in Education: Theory and Practice, No. 17.
ED 176 590 (FL)

Reading Comprehension
Reading a Second Language. Language in Education: Theory and Practice, No. 20.
ED 176 588 (FL)
Teaching Reading Comprehension: Theory and Practice.
ED 169 478 (CS)

Reading Instruction
Listening: Its Impact at All Levels on Reading and the Other Language Arts. Revised Edition.
ED 169 537 (CS)
Teaching Reading Comprehension: Theory and Practice.
ED 169 478 (CS)

Reading Readiness
Oral Language: Expression of Thought. Updated Edition.
ED 168 025 (CS)

Reading Research
Teaching Reading Comprehension: Theory and Practice.
ED 169 478 (CS)

Reading Skills
Reading a Second Language. Language in Education: Theory and Practice, No. 20.
ED 176 588 (FL)
The Teacher and the Reading Skills Report for Migrant Students.
ED 170 078 (RC)

Reading Skills Report List
The Teacher and the Reading Skills Report for Migrant Students.
ED 170 078 (RC)

Reference Materials
Guide to Educational Resources. Fourth Edition, Revised and Updated.
ED 180 503 (IR)

Regional Dialects
Chicano English. Language in Education: Theory and Practice, No. 21.
ED 176 591 (FL)

Relaxation
Relaxation: Education's Fourth "R."
ED 164 497 (SP)

Remedial Instruction
Developmental Mathematics. Junior College Resource Review.
ED 172 894 (JC)
Do Minorities Embrace the Concept of Minimum Competency?.
ED 178 615 (TM)

Remedial Mathematics
Developmental Mathematics. Junior College Resource Review.
ED 172 894 (JC)

Remedial Programs
Four Phases of Developmental Education. Junior College Resource Review.
ED 165 858 (JC)

Research
Explorations in the Modeling of the Learning of Mathematics.
ED 173 113 (SE)

Research and Development Centers
Directory of Organizations and Personnel in Educational Management. Sixth Edition.
ED 172 308 (EA)

Research Design
Interpreting Research Results on Teaching.
ED 164 517 (SP)

Research Needs
Some Theoretical Issues in Mathematics Education: Papers From a Research Presession.
ED 180 815 (SE)

Research Problems
Counting the Transfer Students. Junior College Resource Review.
ED 172 864 (JC)
Some Theoretical Issues in Mathematics Education: Papers From a Research Presession.
ED 180 815 (SE)

Research Projects
Home Economics Education; A Review and Synthesis of the Research. Information Series No. 184.
ED 179 768 (CE)
Viewpoints on Adult Education Research. Information Series No. 171.
ED 179 762 (CE)

Research Reviews (Publications)
Developmental Implications of Science Teaching: Early Adolescence.
ED 174 401 (SE)

Research Tools
ERIC First Analysis: 1979-80 National High School Debate Resolutions (What Should Be the Future Direction of the Foreign Policy of the United States?).
ED 170 805 (CS)

Residence Requirements
Interstate Migration of College Students. AAHE-ERIC/Higher Education Research Currents, December 1979.
ED 180 327 (HE)

Resource Allocations
Budgeting in Higher Education. AAHE-ERIC/Higher Education Research Report No. 3, 1979.
ED 169 875 (HE)
Community College Financing in the Post-Proposition 13 Era. Junior College Resource Review.
ED 162 712 (JC)
The Three "R's" of the Eighties: Reduction, Reallocation, and Retrenchment.
ED 172 642 (HE)

Resource Materials
Law in the Classroom. Activities and Resources.
ED 179 468 (SO)
Resources for Teaching Mathematics in Bilingual Classrooms.
ED 170 119 (SE)

Resources
Resource Resourcefulness: A One-Day Training Workshop.
ED 181 388 (CG)
Time and Resource Management for Small Schools.
ED 167 305 (RC)

Retrenchment
Community College Financing in the Post-Proposition 13 Era. Junior College Resource Review.
ED 162 712 (JC)
The Three "R's" of the Eighties: Reduction, Reallocation, and Retrenchment.
ED 172 642 (HE)

Rewards
Motivation of Teachers. ACSA School Management Digest, Series 1, Number 18. ERIC/CEM Research Analysis Series, Number 46.
ED 178 998 (EA)

Rural Education
Imaginary Gardens? Real Problems: An Analysis of Federal Information Sources on Rural Education.
ED 167 318 (RC)
Impacts of the Rural Turnaround on Rural Education.
ED 168 759 (RC)

Scheduling
Recycling Academic Calendars. AAHE-ERIC/Higher Education Research Currents, October 1979.
ED 176 677 (HE)

School Buildings
Energy Management. The Best of ERIC on Educational Management, Number 47.
ED 179 002 (EA)

School Calendars
Recycling Academic Calendars. AAHE-ERIC/Higher Education Research Currents, October 1979.
ED 176 677 (HE)

School Closing
School Closing. The Best of ERIC Clearinghouse on Educational Management, Number 46.
ED 172 319 (EA)

School Community Relationship
School Closing. The Best of ERIC Clearinghouse on Educational Management, Number 46.
ED 172 319 (EA)
School Crime and the Social Order of the School.
ED 177 256 (UD)

School Design
Energy Management. The Best of ERIC on Educational Management, Number 47.
ED 179 002 (EA)

School Environment
School Crime and the Social Order of the School.
ED 177 256 (UD)

School Funds
...geting in Higher Education. AAHE-ERIC/Higher Education Research Report No. 3, 1979.
ED 169 875 (HE)

School Organization
School Crime and the Social Order of the School.
ED 177 256 (UD)

School Policy
Reducing Student Absenteeism. The Best of ERIC on Educational Management, Number 48.
ED 180 067 (EA)

School Responsibility
Do Minorities Embrace the Concept of Minimum Competency?.
ED 178 615 (TM)

School to Work Transition
Serving Handicapped Students in Vocational Education: A Guide for Counselors. Information Series No. 186.
ED 179 771 (CE)

Science Courses
Science and Social Science in the Two-Year College. Topical Paper Number 69.
ED 172 854 (JC)

Science Curriculum
Science and Social Science in the Two-Year College. Topical Paper Number 69.
ED 172 854 (JC)

Science Education
Developmental Implications of Science Teaching: Early Adolescence.
ED 174 401 (SE)
Energy Activities for the Classroom: Volume II.
ED 173 072 (SE)

Science Instruction
Science and Social Science in the Two-Year College. Topical Paper Number 69.
ED 172 854 (JC)

Search Strategies
Attachment and Children: Citations From Selected Data Bases.
ED 165 885 (PS)
How to Search ERIC for American Indian Materials.
ED 168 762 (RC)

Second Language Learning
Evaluating a Second Language Program. Language in Education: Theory and Practice, No. 19.
ED 176 589 (FL)
Foreign Languages, English as a Second/Foreign Language, and the U.S. Multinational Corporation. Language in Education: Theory and Practice, No. 16.
ED 179 089 (FL)
Intensive Foreign Language Courses. Language in Education: Theory and Practice, No. 18.
ED 176 587 (FL)
Reading a Second Language. Language in Education: Theory and Practice, No. 20.
ED 176 588 (FL)
Testing Oral Communication in the Foreign Language Classroom. Language in Education: Theory and Practice, No. 17.
ED 176 590 (FL)

Sedatives
Children on Medication: A Primer for School Personnel.
ED 170 978 (EC)

Semester Division
Recycling Academic Calendars. AAHE-ERIC/Higher Education Research Currents, October 1979.
ED 176 677 (HE)

Sex Differences
Perspectives on Sex and Gender: Proceedings of a Multidisciplinary Conference. ERIC/CUE Urban Diversity Series, Number 61.
ED 169 197 (UD)

Sex Discrimination
Physical Education and Athletics: Strategies for Meeting Title IX Requirements. Conference Proceedings. ERIC/CUE Urban Diversity Series, Number 66, August 1979.
ED 179 628 (UD)
Women in Academe: Steps to Greater Equality. AAHE-ERIC/Higher Education Research Report No. 1, 1979.
ED 169 873 (HE)

Sex Education
Sex Education and the Library: A Basic Bibliography for the General Public with Special Resources for the Librarian.
ED 180 504 (IR)

Sex Role
Perspectives on Sex and Gender: Proceedings of a Multidisciplinary Conference. ERIC/CUE Urban Diversity Series, Number 61.
ED 169 197 (UD)

Sex Stereotypes
Perspectives on Sex and Gender: Proceedings of a Multidisciplinary Conference. ERIC/CUE Urban Diversity Series, Number 61.
ED 169 197 (UD)

Sexuality
Sex Education and the Library: A Basic Bibliography for the General Public with Special Resources for the Librarian.
ED 180 504 (IR)

Simulation
Games and Simulations in the Foreign Language Classroom. Language in Education.
ED 177 887 (FL)
Simulations and Games: An ERIC Bibliography. Bibliographies on Educational Topics No. 11.
ED 177 149 (SP)

Skill Development
Consultation Skills for Pupil Personnel Services Staff.
ED 181 387 (CG)
Games and Simulations in the Foreign Language Classroom. Language in Education.
ED 177 887 (FL)
Selected Social Studies Skills: 88 Reinforcement Lessons for Secondary Students.
ED 170 188 (SO)

Skilled Workers
Vocational Guidance in Manpower Development: Papers Presented at the Asian Regional Conference-Workshop (Manila, Philippines, 1977).
ED 181 389 (CG)

Skills
National Migrant Education Program Math Skills Information System.
ED 164 227 (RC)

Small Schools
Time and Resource Management for Small Schools.
ED 167 305 (RC)

Social Attitudes
Perspectives on Sex and Gender: Proceedings of a Multidisciplinary Conference. ERIC/CUE Urban Diversity Series, Number 61.
ED 169 197 (UD)

Social Change
School Crime and the Social Order of the School.
ED 177 256 (UD)

Social Problems
Impacts of the Rural Turnaround on Rural Education.
ED 168 759 (RC)

Social Sciences
Science and Social Science in the Two-Year College. Topical Paper Number 69.
ED 172 854 (JC)

Social Studies
Data Book of Social Studies Materials and Resources, Volume 5.
ED 180 858 (SO)
Selected Social Studies Skills: 88 Reinforcement Lessons for Secondary Students.
ED 170 188 (SO)
Social Studies Teacher Education: Practices, Problems, and Recommendations.
ED 170 187 (SO)

Social Studies Units
Global Issues: Activities and Resources for the High School Teacher.
ED 179 436 (SO)

Southwestern States
Chicano English. Language in Education: Theory and Practice, No. 21.
ED 176 591 (FL)

Spanish
Chicano English. Language in Education: Theory and Practice, No. 21.
ED 176 591 (FL)

Spanish Speaking
Hispanic Migrations from the Caribbean and Latin America: Implications for Educational Policy, Planning and Practice; Conference Proceedings. ERIC/CUE Urban Diversity Series, Number 65, August 1979.
ED 179 624 (UD)
Resources for Teaching Mathematics in Bilingual Classrooms.
ED 170 119 (SE)

Special Counselors
Counseling Exceptional People.
ED 181 397 (CG)

Special Education
Counseling Exceptional People.
ED 181 397 (CG)
Fact Sheets from the ERIC Clearinghouse on Handicapped and Gifted Children: 1977 Series.
ED 179 032 (EC)

Speech Communication
Listening Instruction.
ED 170 827 (CS)
Testing Oral Communication in the Foreign Language Classroom. Language in Education: Theory and Practice, No. 17.
ED 176 590 (FL)

Staff Improvement
Staff Development for the Social Studies Teacher.
ED 180 860 (SO)

Staff Utilization
Time and Resource Management for Small Schools.
ED 167 305 (RC)

State Agencies
State Directory of Educational Dissemination for Adult, Career, and Vocational Education. Information Series No. 182.
ED 179 765 (CE)

State Departments of Education
State Directory of Educational Dissemination for Adult, Career, and Vocational Education. Information Series No. 182.
ED 179 765 (CE)

State of the Art Reviews
The Teacher's World. Special Current Issues Publication No. 9.
ED 169 049 (SP)

Stereotypes
Communicating with the Elderly: Shattering Stereotypes.
ED 172 285 (CS)

Stimulants
Children on Medication: A Primer for School Personnel.
ED 170 978 (EC)

Stress Variables
Relaxation: Education's Fourth "R."
ED 164 497 (SP)

Student Behavior
Classroom Culture and the Problem of Control. ERIC/CUE Urban Diversity Series, Number 63.
ED 173 501 (UD)

Student College Relationship
Academic Advising: Getting Us Through the Eighties. AAHE-ERIC/Higher Education Research Reports, No. 7, 1979.
ED 178 023 (HE)

College Student Press Law. Second Edition.
ED 180 000 (CS)

Student Evaluation
Assessing the Competencies of Media Professionals: A Model for Determining Costs and Effectiveness.
ED 179 250 (IR)
Evaluating a Second Language Program. Language in Education: Theory and Practice, No. 19.
ED 176 589 (FL)

Student Financial Aid
Changing Values in Higher Education. AAHE-ERIC/Higher Education Research Currents, April 1979.
ED 169 876 (HE)
Interstate Migration of College Students. AAHE-ERIC/Higher Education Research Currents, December 1979.
ED 180 327 (HE)
Reauthorizing the Higher Education Act of 1965. AAHE-ERIC/Higher Education Research Currents, November 1979.
ED 178 022 (HE)

Student Loan Programs
Reauthorizing the Higher Education Act of 1965. AAHE-ERIC/Higher Education Research Currents, November 1979.
ED 178 022 (HE)

Student Motivation
A Practitioner's Guide to Concepts and Measures of Motivation.
ED 169 953 (IR)

Student Promotion
Student Retention vs. Social Promotion. The Best of ERIC, Number 43.
ED 166 771 (EA)

Student Publications
College Student Press Law. Second Edition.
ED 180 000 (CS)

Student Rights
College Student Press Law. Second Edition.
ED 180 000 (CS)

Student Teachers
Teacher Supervision. The Best of ERIC, Number 42.
ED 166 770 (EA)

Subject Index Terms
Bibliographic Instruction in Academic Libraries. A Review of the Literature and Selected Bibliography.
ED 180 505 (IR)
How to Search ERIC for American Indian Materials.
ED 168 762 (RC)

Success Factors
Staff Development for the Social Studies Teacher.
ED 180 860 (SO)

Supervisory Methods
The Supervision of Teachers: A Selected Annotated Bibliography. Bibliographies on Educational Topics No. 10.
ED 166 169 (SP)

Supreme Court Litigation
The Implications of "Regents of California v. Bakke" For University Admission and Hiring.
ED 169 183 (UD)

Systems Analysis
Computerized Career Information and Guidance Systems. Information Series No. 178.
ED 179 764 (CE)

Tax Support
Community College Financing in the Post-Proposition 13 Era. Junior College Resource Review.
ED 162 712 (JC)

Teacher Administrator Relationship
Changing Administrative Relations Under Collective Bargaining. Junior College Resource Review.
ED 170 015 (JC)

Teacher Attitudes
The Teacher's World. Special Current Issues Publication No. 9.
ED 169 049 (SP)

Teacher Behavior
Classroom Culture and the Problem of Control. ERIC/CUE Urban Diversity Series, Number 63.
ED 173 501 (UD)

Teacher Education
Directory of Educational Programs for Adults Who Work With Children.
ED 170 021 (PS)
Home Economics Education; A Review and Synthesis of the Research. Information Series No. 184.
ED 179 768 (CE)
Perspectives on Graduate Programs in Education.
ED 173 277 (SP)

Teacher Educator Education
Helping Others Learn to Teach: Some Principles and Techniques for Inservice Educators.
ED 164 102 (PS)

Teacher Employment
Alternatives to Tenure. AAHE-ERIC/Higher Education Research Currents. March 1979.
ED 165 694 (HE)

Teacher Evaluation
Teacher Evaluation. Research Action Brief Number 4.
ED 172 367 (EA)

Teacher Motivation
Motivation of Teachers. ACSA School Management Digest, Series 1, Number 18. ERIC/CEM Research Analysis Series, Number 46.
ED 178 998 (EA)

Teacher Recruitment
Vocational Teacher Education: A Review of the Research. Information Series No. 185.
ED 179 769 (CE)

Teacher Role
Old Expectations, New Realities: The Academic Profession Revisited. AAHE-ERIC/Higher Education Research Report No. 2, 1979.
ED 169 874 (HE)
Relaxation: Education's Fourth "R."
ED 164 497 (SP)

Teacher Supervision
The Supervision of Teachers: A Selected Annotated Bibliography. Bibliographies on Educational Topics No. 10.
ED 166 169 (SP)
Teacher Supervision. The Best of ERIC, Number 42.
ED 166 770 (EA)

Teaching Experience
The Teacher's World. Special Current Issues Publication No. 9.
ED 169 049 (SP)
Vocational Teacher Education: A Review of the Research. Information Series No. 185.
ED 179 769 (CE)

Teaching Guides
Outdoor Education: Community Studies Through Field Experiences.
ED 167 317 (RC)

Teaching Methods
Bibliographic Instruction in Academic Libraries. A Review of the Literature and Selected Bibliography.
ED 180 505 (IR)
Problems and Teaching Strategies in ESL Composition. (If Johnny Has Problems, What about Joan, Jean, and Ywe-Han?) Language in Education: Theory and Practice, No. 14.
ED 175 243 (FL)
Teaching Reading Comprehension: Theory and Practice.
ED 169 478 (CS)

Teaching Techniques
Helping Others Learn to Teach: Some Principles and Techniques for Inservice Educators.
ED 164 102 (PS)
Listening Instruction.
ED 170 827 (CS)
Listening: Its Impact at All Levels on Reading and the Other Language Arts. Revised Edition.
ED 169 537 (CS)
Oral Language: Expression of Thought. Updated Edition.
ED 168 025 (CS)
Understanding the Realities of Problem Solving in Elementary School With Practical Pointers for Teachers.
ED 179 424 (SE)

Tenure
Alternatives to Tenure. AAHE-ERIC/Higher Education Research Currents. March 1979.
ED 165 694 (HE)

Test Bias
Competency Testing and Equal Educational Opportunity. IRCD Bulletin, Volume 14, Number 2. Spring, 1979.
ED 179 644 (UD)

Test Construction
Testing Oral Communication in the Foreign Language Classroom. Language in Education: Theory and Practice, No. 17.
ED 176 590 (FL)

Test Interpretation
Interpreting Research Results on Teaching.
ED 164 517 (SP)
Selecting and Using Tests of Career Skills. Information Series No. 177.
ED 179 763 (CE)

Test Reliability
Selecting and Using Tests of Career Skills. Information Series No. 177.
ED 179 763 (CE)

Testing Problems
Do Minorities Embrace the Concept of Minimum Competency?.
ED 178 615 (TM)
Implications of Minimum-Competency Testing for Minority Students.
ED 178 616 (TM)
Minimum-Competency Testing: the Newest Obstruction to the Education of Black and Other Disadvantaged Americans.
ED 178 618 (TM)

Testing Programs
Tests and Testing Programs. Searchlight 14+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 392 (CG)

Tests
Selecting and Using Tests of Career Skills. Information Series No. 177.
ED 179 763 (CE)
Tests and Testing Programs. Searchlight 14+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 392 (CG)

Theories
Motivation of Teachers. ACSA School Management Digest, Series 1, Number 18. ERIC/CEM Research Analysis Series, Number 46.
ED 178 998 (EA)

Third World
Vocational Guidance in Manpower Development: Papers Presented at the Asian Regional Conference-Workshop (Manila, Philippines, 1977).
ED 181 389 (CG)

Thought Processes
Oral Language: Expression of Thought. Updated Edition.
ED 168 025 (CS)

Time
Time and Resource Management for Small Schools.
ED 167 305 (RC)

Title IX Education Amendments 1972
Physical Education and Athletics: Strategies for Meeting Title IX Requirements. Conference Proceedings. ERIC/CUE Urban Diversity Series, Number 66, August 1979.
ED 179 628 (UD)

Training
Directory of Educational Programs for Adults Who Work With Children.
ED 170 021 (PS)
Resource Resourcefulness: A One-Day Training Workshop.
ED 181 388 (CG)

Training Techniques
Vocational Teacher Education: A Review of the Research. Information Series No. 185.
ED 179 769 (CE)

Transfer Programs
The Decline of Transfer Education. Topical Paper Number 70.
ED 179 273 (JC)

Transfer Students
Counting the Transfer Students. Junior College Resource Review.
ED 172 864 (JC)
The Decline of Transfer Education. Topical Paper Number 70.
ED 179 273 (JC)

Translation
Foreign Languages, English as a Second/Foreign Language, and the U.S. Multinational Corporation. Language in Education: Theory and Practice, No. 16.
ED 179 089 (FL)

Trend Analysis
Changing Values in Higher Education. AAHE-ERIC/Higher Education Research Currents, April 1979.
ED 169 876 (HE)
Professional Education in the Eighties: Challenges and Responses. AAHE-ERIC/Higher Education Research Report No. 8, 1979.
ED 179 187 (HE)
Revamping Core Curricula. AAHE-ERIC/ Higher Education Research Currents, May 1979.
ED 169 877 (HE)

Trimester Schedules
Recycling Academic Calendars. AAHE-ERIC/ Higher Education Research Currents, October 1979.
ED 176 677 (HE)

Truancy
Reducing Student Absenteeism. The Best of ERIC on Educational Management, Number 48.
ED 180 067 (EA)

Undergraduate Study
Revamping Core Curricula. AAHE-ERIC/ Higher Education Research Currents, May 1979.
ED 169 877 (HE)

Unemployment
Vocational Guidance in Manpower Development: Papers Presented at the Asian Regional Conference-Workshop (Manila, Philippines, 1977).
ED 181 389 (CG)

Urban Education
ERIC References on Urban and Minority Education. Equal Opportunity Review.
ED 173 506 (UD)

Urban to Rural Migration
Impacts of the Rural Turnaround on Rural Education.
ED 168 759 (RC)

Use Studies
Evaluation of Users' Responses to the Information Analysis Products of the ERIC Clearinghouse on Tests, Measurement, and Evaluation.
ED 159 217 (TM)

Verbal Communication
The Information Interview: A Comprehensive Bibliography and an Analysis of the Literature.
ED 180 501 (IR)

Violence
School Crime and the Social Order of the School.
ED 177 256 (UD)

Vocational Assessment
Serving Handicapped Students in Vocational Education: A Guide for Counselors. Information Series No. 186.
ED 179 771 (CE)

Vocational Counseling
Vocational Guidance in Manpower Development: Papers Presented at the Asian Regional Conference-Workshop (Manila, Philippines, 1977).
ED 181 389 (CG)

Vocational Education
Administering Programs for Handicapped Students. Professional Development Series, No. 3.
ED 179 770 (CE)
Adult Vocational ESL. Language in Education: Theory and Practice, No. 22.
ED 176 592 (FL)
Occupational Programs in Four-Year Colleges: Trends and Issues. AAHE-ERIC/ Higher Education Research Report No. 5, 1979.
ED 176 645 (HE)

Vocational Education Teachers
Vocational Teacher Education: A Review of the Research. Information Series No. 185.
ED 179 769 (CE)

Vocational Teacher Education
Vocational Teacher Education: A Review of the Research. Information Series No. 185.
ED 179 769 (CE)

Womens Education
Serving New Populations. New Directions for Community Colleges, Number 27.
ED 175 520 (JC)

Work Environment
Motivation of Teachers. ACSA School Management Digest, Series 1, Number 18. ERIC/CEM Research Analysis Series, Number 46.
ED 178 998 (EA)

World Affairs
Global Issues: Activities and Resources for the High School Teacher.
ED 179 436 (SO)

World Problems
Global Issues: Activities and Resources for the High School Teacher.
ED 179 436 (SO)

Writing
Problems and Teaching Strategies in ESL Composition. (If Johnny Has Problems, What about Joan, Jean, and Ywe-Han?) Language in Education: Theory and Practice, No. 14.
ED 175 243 (FL)

Writing Skills
Problems and Teaching Strategies in ESL Composition. (If Johnny Has Problems, What about Joan, Jean, and Ywe-Han?) Language in Education: Theory and Practice, No. 14.
ED 175 243 (FL)

Author Index

Adams, Shirley J.
Evaluating a Second Language Program. Language in Education: Theory and Practice, No. 19.
ED 176 589 (FL)

Adamsky, Richard A.
Vocational Teacher Education: A Review of the Research. Information Series No. 185.
ED 179 769 (CE)

Albright, Leonard
Administering Programs for Handicapped Students. Professional Development Series, No. 3.
ED 179 770 (CE)

Anastasiow, Nicholas
Oral Language: Expression of Thought. Updated Edition.
ED 168 025 (CS)

Ardito-Kirkland, Stephanie
Information in Social Gerontology.
ED 169 951 (IR)

Bartz, Walter H.
Testing Oral Communication in the Foreign Language Classroom. Language in Education: Theory and Practice, No. 17.
ED 176 590 (FL)

Baskin, Linda B., Comp.
Attachment and Children: Citations From Selected Data Bases.
ED 165 885 (PS)

Benjamin, Libby
Counseling Adults for Life Transitions.
ED 181 396 (CG)
Counseling Exceptional People.
ED 181 397 (CG)
The Counselor as Consultant. Searchlight 42+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 395 (CG)

Benseler, David P.
Intensive Foreign Language Courses. Language in Education: Theory and Practice, No. 18.
ED 176 587 (FL)

Bhaerman, Robert D.
What "First Generation" Research on Career Education Says to the Classroom Teachers-and Vice Versa. Information Series No. 179.
ED 179 766 (CE)

Bhaerman, Robert D., Comp.
Techniques and Strategies for Infusing Career Education into the Educational Program for Exceptional Children: Some Sample Resources. Information Series No. 181.
ED 179 767 (CE)

Bove, Richard
The Teacher and the Reading Skills Report for Migrant Students.
ED 170 078 (RC)

Bowman, Mary Lynne
Energy Activities for the Classroom: Volume II.
ED 173 072 (SE)

Brandon, Linda
Understanding the Realities of Problem Solving in Elementary School With Practical Pointers for Teachers.
ED 179 424 (SE)

Brawer, Florence B.
Science and Social Science in the Two-Year College. Topical Paper Number 69.
ED 172 854 (JC)

Brawer, Florence M.
Trends in Ethnic Enrollments. Junior College Resource Review.
ED 164 056 (JC)

Breuder, Robert L., Ed.
Advancing International Education. New Directions for Community Colleges, Number 26.
ED 169 973 (JC)

Campbell, Dale F.
Occupational Programs in Four-Year Colleges: Trends and Issues. AAHE-ERIC/ Higher Education Research Report No. 5, 1979.
ED 176 645 (HE)

Caruthers, J. Kent
Budgeting in Higher Education. AAHE-ERIC/ Higher Education Research Report No. 3, 1979.
ED 169 875 (HE)

Cates, G. Truett
Reading a Second Language. Language in Education: Theory and Practice, No. 20.
ED 176 588 (FL)

Clyde, John S.
Computerized Career Information and Guidance Systems. Information Series No. 178.
ED 179 764 (CE)

Coakley, Carolyn Gwynn
Listening Instruction.
ED 170 827 (CS)

Cohen, Arthur M.
Counting the Transfer Students. Junior College Resource Review.
ED 172 864 (JC)

Cohen, Arthur M., Ed.
Shaping the Curriculum. New Directions for Community Colleges, Number 25.
ED 171 334 (JC)

Coon, Herbert L.
Energy Activities for the Classroom: Volume II.
ED 173 072 (SE)

Cooper, Stephen
Graduate Theses and Dissertations in English as a Second Language: 1977-78. Language in Education: Theory and Practice, No. 15.
ED 175 244 (FL)

Cosand, Joseph P.
Perspective: Community Colleges in the 1980s. Horizon Issues Monograph Series.
ED 178 146 (JC)

Cotrell, Calvin J.
Vocational Teacher Education: A Review of the Research. Information Series No. 185.
ED 179 769 (CE)

Crandall, Jo Ann
Adult Vocational ESL. Language in Education: Theory and Practice, No. 22.
ED 176 592 (FL)

Crouch, Wayne W.
The Information Interview: A Comprehensive Bibliography and an Analysis of the Literature.
ED 180 501 (IR)

Cruickshank, Donald R.
Simulations and Games: An ERIC Bibliography. Bibliographies on Educational Topics No. 11.
ED 177 149 (SP)

Daniel, Evelyn H.
Assessing the Competencies of Media Professionals: A Model for Determining Costs and Effectiveness.
ED 179 250 (IR)

Davis, Craig B., Ed.
Current Issues V: The Yearbook of Environmental Education and Environmental Studies. Selected Papers from the Eighth Annual Conference of the National Association for Environmental Education.
ED 180 822 (SE)

de la Rosa, Raul
National Migrant Education Program Math Skills Information System.
ED 164 227 (RC)

Dickerson, Donna L.
College Student Press Law. Second Edition.
ED 180 000 (CS)

Dillon-Peterson, Elizabeth
Staff Development for the Social Studies Teacher.
ED 180 860 (SO)

Disinger, John F., Comp.
Alliance Affiliate Activities: Non-Governmental Organizations in Environmental Education.
ED 168 887 (SE)

Doss, Marta L.
Information in Social Gerontology.
ED 169 951 (IR)

Doughty, Philip
Cost-Effectiveness Analysis and Instructional Technology: A Review of Conceptual Issues and Selected References.
ED 179 249 (IR)

Down, A. Graham
Implications of Minimum-Competency Testing for Minority Students.
ED 178 616 (TM)

Easley, Jack
Understanding the Realities of Problem Solving in Elementary School With Practical Pointers for Teachers.
ED 179 424 (SE)

Eddy, Margot Sanders
Recycling Academic Calendars. AAHE-ERIC/Higher Education Research Currents, October 1979.
ED 176 677 (HE)

Eldred, Marilou Denbo
Adult Baccalaureate Programs. AAHE-ERIC/Higher Education Research Report No. 9.
ED 180 323 (HE)

Ely, Donald P.
Assessing the Competencies of Media Professionals: A Model for Determining Costs and Effectiveness.
ED 179 250 (IR)
A Guide to Audiovisual Resources about ERIC.
ED 179 248 (IR)

Frederick, A. B.
Relaxation: Education's Fourth "R."
ED 164 497 (SP)

Freimuth, Vicki S.
Communicating with the Elderly: Shattering Stereotypes.
ED 172 285 (CS)

Friedlander, Jack
Developmental Mathematics. Junior College Resource Review.
ED 172 894 (JC)
Science and Social Science in the Two-Year College. Topical Paper Number 69.
ED 172 854 (JC)

Fuson, Karen C., Ed.
Explorations in the Modeling of the Learning of Mathematics.
ED 173 113 (SE)

Gadow, Kenneth D.
Children on Medication: A Primer for School Personnel.
ED 170 978 (EC)

Gappa, Judith M.
Women in Academe: Steps to Greater Equality. AAHE-ERIC/Higher Education Research Report No. 1, 1979.
ED 169 873 (HE)

Golaszewski, Thomas J.
Influencing Behavior Through Instruction: Methodology in Health Education.
ED 168 972 (SP)

Gooler, Dennis D.
A Classification of Evaluation Studies of Instructional Technology Included in the ERIC System.
ED 180 498 (IR)

Gordon, Sol
Sex Education and the Library: A Basic Bibliography for the General Public with Special Resources for the Librarian.
ED 180 504 (IR)

Grannis, Joseph C.
Classroom Culture and the Problem of Control. ERIC/CUE Urban Diversity Series, Number 63.
ED 173 501 (UD)

Green, Bernal L.
Impacts of the Rural Turnaround on Rural Education.
ED 168 759 (RC)

Greenawald, G. Dale
Staff Development for the Social Studies Teacher.
ED 180 860 (SO)

Greenawalt, Kent
The Implications of "Regents of California v. Bakke" For University Admission and Hiring.
ED 169 183 (UD)

Grites, Thomas J.
Academic Advising: Getting Us Through the Eighties. AAHE-ERIC/Higher Education Research Reports, No. 7, 1979.
ED 178 023 (HE)

Grove, Cornelius Lee
The Annotated Bibliography on Cross-Cultural Problems in Education. Volume II: Published Literature (Books). ERIC/CUE Urban Diversity Series, Number 62.
ED 169 191 (UD)

Haas, John D.
Future Studies in the K-12 Curriculum.
ED 180 859 (SO)

Hackett, Eugene deG.
National Migrant Education Program Math Skills Information System.
ED 164 227 (RC)

Haney, Walt
Competency Testing and Equal Educational Opportunity. IRCD Bulletin, Volume 14, Number 2. Spring, 1979.
ED 179 644 (UD)

Hedstrom, Judith E., Ed.
Data Book of Social Studies Materials and Resources, Volume 5.
ED 180 858 (SO)

Henderson, Bill
ERIC First Analysis: 1979-80 National High School Debate Resolutions (What Should Be the Future Direction of the Foreign Policy of the United States?).
ED 170 805 (CS)

Henniger, Michael L., Comp.
Parent Involvement in Education: A Bibliography.
ED 174 352 (PS)

Hensley, Susan
Evaluation of Users' Responses to the Information Analysis Products of the ERIC Clearinghouse on Tests, Measurement, and Evaluation.
ED 159 217 (TM)

Higgins, Jon L., Ed.
Research Reporting Sections, Annual Meeting of the National Council of Teachers of Mathematics (57th, Boston, Massachusetts, April 18-21, 1979).
ED 167 383 (SE)

Ianni, Francis A. J.
School Crime and the Social Order of the School.
ED 177 256 (UD)

Inman, Marianne
Foreign Languages, English as a Second/Foreign Language, and the U.S. Multinational Corporation. Language in Education: Theory and Practice, No. 16.
ED 179 089 (FL)

Jamieson, Kathleen
Communicating with the Elderly: Shattering Stereotypes.
ED 172 285 (CS)

Jarvis, Gilbert A.
Evaluating a Second Language Program. Language in Education: Theory and Practice, No. 19.
ED 176 589 (FL)

Johnson, John L.
An Essay on Incarcerated Youth: An Oppressed Group.
ED 170 991 (EC)

Joyce, William W.
Social Studies Teacher Education: Practices, Problems, and Recommendations.
ED 170 187 (SO)

Kallos, June, Ed.
Perspectives on Sex and Gender: Proceedings of a Multidisciplinary Conference. ERIC/CUE Urban Diversity Series, Number 61.
ED 169 197 (UD)

Katz, Lilian G.
Helping Others Learn to Teach: Some Principles and Techniques for Inservice Educators.
ED 164 102 (PS)

Keller, John M.
A Practitioner's Guide to Concepts and Measures of Motivation.
ED 169 953 (IR)

King, Maxwell C., Ed.
Advancing International Education. New Directions for Community Colleges, Number 26.
ED 169 973 (JC)

Kinyanjui, Kabiru
Competency Testing and Equal Educational Opportunity. IRCD Bulletin, Volume 14, Number 2. Spring, 1979.
ED 179 644 (UD)

Knop, Constance K., Comp.
The Supervision of Teachers: A Selected Annotated Bibliography. Bibliographies on Educational Topics No. 10.
ED 166 169 (SP)

Korim, Andrew S.
Occupational Programs in Four-Year Colleges: Trends and Issues. AAHE-ERIC/Higher Education Research Report No. 5, 1979.
ED 176 645 (HE)

Kroll, Arthur M.
Selecting and Using Tests of Career Skills. Information Series No. 177.
ED 179 763 (CE)

Laguerre, Michel S.
Schooling in Haiti. ERIC/CUE Urban Diversity Series, Number 60.
ED 169 193 (UD)

Lahti, Robert E., Ed.
Managing in a New Era. New Directions for Community Colleges, Number 28.
ED 178 149 (JC)

Lesh, Richard, Ed.
Applied Mathematical Problem Solving.
ED 180 816 (SE)
Some Theoretical Issues in Mathematics Education: Papers From a Research Presession.
ED 180 815 (SE)

Lewis, Ronald H.
Do Minorities Embrace the Concept of Minimum Competency?.
ED 178 615 (TM)

Lieberman, Irving
A Working Bibliography of Commercially Available Audiovisual Materials for the Teaching of Lirary Science. Second Edition, Revised and Expanded.
ED 180 502 (IR)

Lindelow, John
Educational Vouchers. School Management Digest Series 1, No. 17.
ED 173 889 (EA)

Linney, Thomas
Interstate Migration of College Students. AAHE-ERIC/Higher Education Research Currents, December 1979.
ED 180 327 (HE)

Linney, Thomas J.
Alternatives to Tenure. AAHE-ERIC/Higher Education Research Currents. March 1979.
ED 165 694 (HE)
Changing Values in Higher Education. AAHE-ERIC/Higher Education Research Currents, April 1979.
ED 169 876 (HE)

Lombardi, John
Changing Administrative Relations Under Collective Bargaining. Junior College Resource Review.
ED 170 015 (JC)
Community College Financing in the Post-Proposition 13 Era. Junior College Resource Review.
ED 162 712 (JC)
The Decline of Transfer Education. Topical Paper Number 70.
ED 179 273 (JC)
Four Phases of Developmental Education. Junior College Resource Review.
ED 165 858 (JC)

Lorton, Eveleen
The Teacher's World. Special Current Issues Publication No. 9.
ED 169 049 (SP)

Lovett, C. James
Resources for Teaching Mathematics in Bilingual Classrooms.
ED 170 119 (SE)

Lundsteen, Sara W.
Listening: Its Impact at All Levels on Reading and the Other Language Arts. Revised Edition.
ED 169 537 (CS)

Lungmus, Dorothy
Consumer Education Sourcebook.
ED 180 861 (SO)

Mamarchev, Helen L.
Program Evaluation and Accountability. Searchlight 7+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 391 (CG)
Resource Resourcefulness: A One-Day Training Workshop.
ED 181 388 (CG)

Maples, Mary F.
Guidance and Counseling: Perspectives on an Emerging Profession.
ED 181 390 (CG)

Marienau, Catherine
Adult Baccalaureate Programs. AAHE-ERIC/Higher Education Research Report No. 9.
ED 180 328 (HE)

Mayville, William V.
Institutionalizing the Muse: The Arts and Artist in Higher Education. AAHE-ERIC/Higher Education. Research Currents.
ED 165 640 (HE)

Mazzarella, Jo Ann
Leadership Effectiveness. ACSA School Management Digest, Series 1, No. 16. ERIC/CEM Research Analysis Series Number 44.
ED 176 362 (EA)

Metcalf, Allan A.
Chicano English. Language in Education: Theory and Practice, No. 21.
ED 176 591 (FL)

Miller, Barbara, Ed.
Time and Resource Management for Small Schools.
ED 167 305 (RC)

Miller, Don, Ed.
Time and Resource Management for Small Schools.
ED 167 305 (RC)

Mizell, M. Hayes
Minimum Competency Programs, Protected Classes, and Federal Agencies.
ED 178 617 (TM)

Morris, Jacquelyn M.
Bibliographic Instruction in Academic Libraries. A Review of the Literature and Selected Bibliography.
ED 180 505 (IR)

Mortimer, Kenneth P.
The Three "R's" of the Eighties: Reduction, Reallocation, and Retrenchment.
ED 172 642 (HE)

Mosher, Edith K.
Pursuing Equal Educational Opportunity: School Politics and the New Activists. ERIC/CUE Urban Diversity Series, Number 64, Summer 1979.
ED 179 625 (UD)

Mulloy, Paul T.
Global Issues: Activities and Resources for the High School Teacher.
ED 179 436 (SO)

Nelson, Helen Y.
Home Economics Education; A Review and Synthesis of the Research. Information Series No. 184.
ED 179 768 (CE)

Nerenz, Anne G., Comp.
The Supervision of Teachers: A Selected Annotated Bibliography. Bibliographies on Educational Topics No. 10.
ED 166 169 (SP)

Niemi, John A., Ed.
Viewpoints on Adult Education Research. Information Series No. 171.
ED 179 762 (CE)

Nordvall, Robert C.
Evaluation and Development of Administrators. AAHE-ERIC/Higher Education Research Report No. 6, 1979.
ED 176 711 (HE)

Nyre, Glenn F.
Professional Education in the Eighties: Challenges and Responses. AAHE-ERIC/Higher Education Research Report No. 8, 1979.
ED 179 187 (HE)

Omaggio, Alice C.
Games and Simulations in the Foreign Language Classroom. Language in Education.
ED 177 887 (FL)

Orwig, Melvin
Budgeting in Higher Education. AAHE-ERIC/Higher Education Research Report No. 3, 1979.
ED 169 875 (HE)

Page, William D.
Teaching Reading Comprehension: Theory and Practice.
ED 169 478 (CS)

Paris, Candace
The Counselor as Change Agent. Searchlight 30+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 393 (CG)

Parks, Gail
Imaginary Gardens? Real Problems: An Analysis of Federal Information Sources on Rural Education.
ED 167 318 (RC)

Peterson, Marla
Serving Handicapped Students in Vocational Education: A Guide for Counselors. Information Series No. 186.
ED 179 771 (CE)

Pfister, Linda A.
Selecting and Using Tests of Career Skills. Information Series No. 177.
ED 179 763 (CE)

Piele, Philip K.
Directory of Organizations and Personnel in Educational Management. Sixth Edition.
ED 172 308 (EA)

Pinnell, Gay Su
Teaching Reading Comprehension: Theory and Practice.
ED 169 478 (CS)

Pipes, Lana, Ed.
Perspectives on Graduate Programs in Education.
ED 173 277 (SP)

Pritchett, Beverly
Resource Resourcefulness: A One-Day Training Workshop.
ED 181 388 (CG)
Tests and Testing Programs. Searchlight 14+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 392 (CG)

Quinn, I. Thomas
Consultation Skills for Pupil Personnel Services Staff.
ED 181 387 (CG)

Raimes, Ann
Problems and Teaching Strategies in ESL Composition. (If Johnny Has Problems, What about Joan, Jean, and Ywe-Han?) Language in Education: Theory and Practice, No. 14.
ED 175 243 (FL)

Reilly, Kathryn C.
Professional Education in the Eighties: Challenges and Responses. AAHE-ERIC/Higher Education Research Report No. 8, 1979.
ED 179 187 (HE)

Reuss-Ianni, Elizabeth
School Crime and the Social Order of the School.
ED 177 256 (UD)

Robbins, Rebecca
How Communities and American Indian Parents Can Identify and Remove Culturally Biased Books from Schools.
ED 167 337 (RC)

Ross, Peggy J.
Impacts of the Rural Turnaround on Rural Education.
ED 168 759 (RC)

Rothenberg, Dianne, Comp.
Directory of Educational Programs for Adults Who Work With Children.
ED 170 021 (PS)

Sacks, Arthur B., Ed.
Current Issues V: The Yearbook of Environmental Education and Environmental Studies. Selected Papers from the Eighth Annual Conference of the National Association for Environmental Education.
ED 180 822 (SE)

Saettler, Paul
An Assessment of the Current Status of Educational Technology.
ED 179 247 (IR)

Sandoval, Ramona Tecumseh, Comp.
How to Search ERIC for American Indian Materials.
ED 168 762 (RC)

Schulz, Renate A.
Intensive Foreign Language Courses. Language in Education: Theory and Practice, No. 18.
ED 176 587 (FL)

Scott, Hugh J.
Minimum-Competency Testing: the Newest Obstruction to the Education of Black and Other Disadvantaged Americans.
ED 178 618 (TM)

Secada, Walter, Ed.
Some Theoretical Issues in Mathematics Education: Papers From a Research Presession.
ED 180 815 (SE)

Sher, Jonathan P.
Imaginary Gardens? Real Problems: An Analysis of Federal Information Sources on Rural Education.
ED 167 318 (RC)

Shulman, Carol Herrnstadt
Old Expectations, New Realities: The Academic Profession Revisited. AAHE-ERIC/Higher Education Research Report No. 2, 1979.
ED 169 874 (HE)
Reauthorizing the Higher Education Act of 1965. AAHE-ERIC/Higher Education Research Currents, November 1979.
ED 178 022 (HE)
Revamping Core Curricula. AAHE-ERIC/Higher Education Research Currents, May 1979.
ED 169 877 (HE)

Smith, Stuart C.
Directory of Organizations and Personnel in Educational Management. Sixth Edition.
ED 172 308 (EA)

Snyder, Ted
Resources for Teaching Mathematics in Bilingual Classrooms.
ED 170 119 (SE)

Sork, Thomas J., Ed.
Research and Investigation in Adult Education: 1976-1978 Register. Information Series No. 169.
ED 179 761 (CE)

Stockhaus, Stuart, Ed.
Selected Social Studies Skills: 88 Reinforcement Lessons for Secondary Students.
ED 170 188 (SO)

Swaffar, Janet K.
Reading a Second Language. Language in Education: Theory and Practice, No. 20.
ED 176 588 (FL)

Swan, Malcolm D.
Outdoor Education: Community Studies Through Field Experiences.
ED 167 317 (RC)

Switzer, Kenneth A.
Global Issues: Activities and Resources for the High School Teacher.
ED 179 436 (SO)

Telfer, Ross A.
Simulations and Games: An ERIC Bibliography. Bibliographies on Educational Topics No. 11.
ED 177 149 (SP)

Thompson, Catherine, Comp.
State Directory of Educational Dissemination for Adult, Career, and Vocational Education. Information Series No. 182.
ED 179 765 (CE)

Thompson, Sydney
Motivation of Teachers. ACSA School Management Digest, Series 1, Number 18. ERIC/CEM Research Analysis Series, Number 46.
ED 178 998 (EA)

Tierney, Michael L.
The Three "R's" of the Eighties: Reduction, Reallocation, and Retrenchment.
ED 172 642 (HE)

Trager, Robert
College Student Press Law. Second Edition.
ED 180 000 (CS)

Tucker, Jan L.
Social Studies Teacher Education: Practices, Problems, and Recommendations.
ED 170 187 (SO)

Turner, Mary Jane
Law in the Classroom. Activities and Resources.
ED 179 468 (SO)

Turner, Richard L.
Interpreting Research Results on Teaching.
ED 164 517 (SP)

Uehling, Barbara S.
Women in Academe: Steps to Greater Equality. AAHE-ERIC/Higher Education Research Report No. 1, 1979.
ED 169 873 (HE)

Vasa, Stanley F.
Career Education for the Handicapped Child: A Guide to Parent Education Programming. Information Series No. 180.
ED 179 772 (CE)

Vivolo, Robert L., Comp.
ERIC References on Urban and Minority Education. Equal Opportunity Review.
ED 173 506 (UD)

Walsh, Patricia Ann, Ed.
Serving New Populations. New Directions for Community Colleges, Number 27.
ED 175 520 (JC)

Walz, Garry R.
Counseling Adults for Life Transitions.
ED 181 396 (CG)
Counseling Adults. Searchlight 41+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 398 (CG)
Counseling Exceptional People.
ED 181 397 (CG)

Watkins, Charlotte H., Comp.
Day Care Update: Programs, Policy and Research. An ERIC Abstract Bibliography.
ED 167 241 (PS)

Winkeljohann, Rosemary, Ed.
Recommended English Language Arts Curriculum Guides K-12 and Criteria for Planning and Evaluation.
ED 176 332 (CS)

Winschel, Carolyn
Administrative Evaluation. Administrator's Update. Volume 1, Number 1.
ED 172 643 (HE)

Wollman, Warren
Developmental Implications of Science Teaching: Early Adolescence.
ED 174 401 (SE)

Wolvin, Andrew D.
Listening Instruction.
ED 170 827 (CS)

Zawada, Mary Ann
Counseling Adults. Searchlight 41+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 398 (CG)
Counseling the Aging. Searchlight 11+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 394 (CG)

Institution Index

American Association for Higher Education, Washington, D.C.

Academic Advising: Getting Us Through the Eighties. AAHE-ERIC/Higher Education Research Reports, No. 7, 1979.
ED 178 023 (HE)

Adult Baccalaureate Programs. AAHE-ERIC/Higher Education Research Report No. 9.
ED 180 328 (HE)

Alternatives to Tenure. AAHE-ERIC/Higher Education Research Currents. March 1979.
ED 165 694 (HE)

Budgeting in Higher Education. AAHE-ERIC/Higher Education Research Report No. 3, 1979.
ED 169 875 (HE)

Changing Values in Higher Education. AAHE-ERIC/Higher Education Research Currents, April 1979.
ED 169 876 (HE)

Evaluation and Development of Administrators. AAHE-ERIC/Higher Education Research Report No. 6, 1979.
ED 176 711 (HE)

Interstate Migration of College Students. AAHE-ERIC/Higher Education Research Currents, December 1979.
ED 180 327 (HE)

Occupational Programs in Four-Year Colleges: Trends and Issues. AAHE-ERIC/Higher Education Research Report No. 5, 1979.
ED 176 645 (HE)

Old Expectations, New Realities: The Academic Profession Revisited. AAHE-ERIC/Higher Education Research Report No. 2, 1979.
ED 169 874 (HE)

Professional Education in the Eighties: Challenges and Responses. AAHE-ERIC/Higher Education Research Report No. 8, 1979.
ED 179 187 (HE)

Reauthorizing the Higher Education Act of 1965. AAHE-ERIC/Higher Education Research Currents, November 1979.
ED 178 022 (HE)

Recycling Academic Calendars. AAHE-ERIC/Higher Education Research Currents, October 1979.
ED 176 677 (HE)

Revamping Core Curricula. AAHE-ERIC/Higher Education Research Currents, May 1979.
ED 169 877 (HE)

The Three "R's" of the Eighties: Reduction, Reallocation, and Retrenchment.
ED 172 642 (HE)

Women in Academe: Steps to Greater Equality. AAHE-ERIC/Higher Education Research Report No. 1, 1979.
ED 169 873 (HE)

American Association of Colleges for Teacher Education, Washington, D.C.

Perspectives on Graduate Programs in Education.
ED 173 277 (SP)

American Association of Community and Junior Colleges, Washington, D.C.

Perspective: Community Colleges in the 1980s. Horizon Issues Monograph Series.
ED 178 146 (JC)

American Association of Community and Junior Colleges, Washington, D.C. Council of Universities and Colleges.

Perspective: Community Colleges in the 1980s. Horizon Issues Monograph Series.
ED 178 146 (JC)

American Association of University Administrators, Buffalo, N.Y.

Administrative Evaluation. Administrator's Update. Volume 1, Number 1.
ED 172 643 (HE)

American Vocational Association, Washington, D.C.

Administering Programs for Handicapped Students. Professional Development Series, No. 3.
ED 179 770 (CE)

Association of California School Administrators.

Leadership Effectiveness. ACSA School Management Digest, Series 1, No. 16. ERIC/CEM Research Analysis Series Number 44.
ED 176 362 (EA)

Motivation of Teachers. ACSA School Management Digest, Series 1, Number 12. ERIC/CEM Research Analysis Series, Number 46.
ED 178 998 (EA)

California Univ., Los Angeles. ERIC Clearinghouse for Junior Coll. Information.

Advancing International Education. New Directions for Community Colleges, Number 26.
ED 169 973 (JC)

Changing Administrative Relations Under Collective Bargaining. Junior College Resource Review.
ED 170 015 (JC)

Community College Financing in the Post-Proposition 13 Era. Junior College Resource Review.
ED 162 712 (JC)

Counting the Transfer Students. Junior College Resource Review.
ED 172 864 (JC)

The Decline of Transfer Education. Topical Paper Number 70.
ED 179 273 (JC)

Developmental Mathematics. Junior College Resource Review.
ED 172 894 (JC)

Four Phases of Developmental Education. Junior College Resource Review.
ED 165 858 (JC)

Managing in a New Era. New Directions for Community Colleges, Number 28.
ED 178 149 (JC)

Occupational Programs in Four-Year Colleges: Trends and Issues. AAHE-ERIC/Higher Education Research Report No. 5, 1979.
ED 176 645 (HE)

Perspective: Community Colleges in the 1980s. Horizon Issues Monograph Series.
ED 178 146 (JC)

Serving New Populations. New Directions for Community Colleges, Number 27.
ED 175 520 (JC)

Shaping the Curriculum. New Directions for Community Colleges, Number 25.
ED 171 334 (JC)

Trends in Ethnic Enrollments. Junior College Resource Review.
ED 164 056 (JC)

California Univ., Los Angeles. Graduate School of Library and Information Science.

Science and Social Science in the Two-Year College. Topical Paper Number 69.
ED 172 854 (JC)

Center for the Study of Community Colleges, Los Angeles, Calif.

Science and Social Science in the Two-Year College. Topical Paper Number 69.
ED 172 854 (JC)

Columbia Univ., New York, N.Y. ERIC Clearinghouse on the Urban Disadvantaged.

The Annotated Bibliography on Cross-Cultural Problems in Education. Volume II: Published Literature (Books). ERIC/CUE Urban Diversity Series, Number 62.
ED 169 191 (UD)

Classroom Culture and the Problem of Control. ERIC/CUE Urban Diversity Series, Number 63.
ED 173 501 (UD)

Competency Testing and Equal Educational Opportunity. IRCD Bulletin, Volume 14, Number 2. Spring, 1979.
ED 179 644 (UD)

Educating Diverse Populations. Selected Papers. ERIC/CUE Urban Diversity Series, Number 59.
ED 169 192 (UD)

Hispanic Migrations from the Caribbean and Latin America: Implications for Educational Policy, Planning and Practice; Conference Proceedings. ERIC/CUE Urban Diversity Series, Number 65, August 1979.
ED 179 624 (UD)

The Implications of "Regents of California v. Bakke" For University Admission and Hiring.
ED 169 183 (UD)

Perspectives on Sex and Gender: Proceedings of a Multidisciplinary Conference. ERIC/CUE Urban Diversity Series, Number 61.
ED 169 197 (UD)

Physical Education and Athletics: Strategies for Meeting Title IX Requirements. Conference Proceedings. ERIC/CUE Urban Diversity Series, Number 66, August 1979.
ED 179 628 (UD)

Pursuing Equal Educational Opportunity: School Politics and the New Activists. ERIC/CUE Urban Diversity Series, Number 64, Summer 1979.
ED 179 625 (UD)

School Crime and the Social Order of the School.
ED 177 256 (UD)

Schooling in Haiti. ERIC/CUE Urban Diversity Series, Number 60.
ED 169 193 (UD)

Columbia Univ., New York, N.Y. Inst. for Urban and Minority Education.

Competency Testing and Equal Educational Opportunity. IRCD Bulletin, Volume 14, Number 2. Spring, 1979.
ED 179 644 (UD)

ERIC References on Urban and Minority Education. Equal Opportunity Review.
ED 173 506 (UD)

Perspectives on Sex and Gender: Proceedings of a Multidisciplinary Conference. ERIC/CUE Urban Diversity Series, Number 61.
ED 169 197 (UD)

School Crime and the Social Order of the School.
ED 177 256 (UD)

Columbia Univ., New York, N.Y. National Origin Desegregation Assistance Center.

Hispanic Migrations from the Caribbean and Latin America: Implications for Educational Policy, Planning and Practice; Conference Proceedings. ERIC/CUE Urban Diversity Series, Number 65, August 1979.
ED 179 624 (UD)

Columbia Univ., New York, N.Y. Race Desegregation Assistance Center.

Hispanic Migrations from the Caribbean and Latin America: Implications for Educational Policy, Planning and Practice; Conference Proceedings. ERIC/CUE Urban Diversity Series, Number 65, August 1979.
ED 179 624 (UD)

Columbia Univ., New York, N.Y. Sex Desegregation Assistance Center.

Hispanic Migrations from the Caribbean and Latin America: Implications for Educational Policy, Planning and Practice; Conference Proceedings. ERIC/CUE Urban Diversity Series, Number 65, August 1979.
ED 179 624 (UD)

Perspectives on Sex and Gender: Proceedings of a Multidisciplinary Conference. ERIC/CUE Urban Diversity Series, Number 61.
ED 169 197 (UD)

Physical Education and Athletics: Strategies for Meeting Title IX Requirements. Conference Proceedings. ERIC/CUE Urban Diversity Series, Number 66, August 1979.
ED 179 628 (UD)

Council for Exceptional Children, Reston, Va. Information Center on Exceptional Children.

An Essay on Incarcerated Youth: An Oppressed Group.
ED 170 991 (EC)

Fact Sheets from the ERIC Clearinghouse on Handicapped and Gifted Children: 1977 Series.
ED 179 032 (EC)

Fact Sheets from the ERIC Clearinghouse on Handicapped and Gifted Children: 1978 Series.
ED 179 033 (EC)

Fact Sheets from the ERIC Clearinghouse on Handicapped and Gifted Children: 1979 Series.
ED 179 034 (EC)

Council for Exceptional Children, Reston, Va. Information Services and Publications.

Children on Medication: A Primer for School Personnel.
ED 170 978 (EC)

Denver Univ., Colo. Center for Teaching International Relations.

Global Issues: Activities and Resources for the High School Teacher.
ED 179 436 (SO)

ERIC Clearinghouse for Social Studies/Social Science Education, Boulder, Colo.

Consumer Education Sourcebook.
ED 180 861 (SO)

Data Book of Social Studies Materials and Resources, Volume 5.
ED 180 858 (SO)

Future Studies in the K-12 Curriculum.
ED 180 859 (SO)

Global Issues: Activities and Resources for the High School Teacher.
ED 179 436 (SO)

Law in the Classroom. Activities and Resources.
ED 179 468 (SO)

Selected Social Studies Skills: 88 Reinforcement Lessons for Secondary Students.
ED 170 188 (SO)

Social Studies Teacher Education: Practices, Problems, and Recommendations.
ED 170 187 (SO)

Staff Development for the Social Studies Teacher.
ED 180 860 (SO)

ERIC Clearinghouse on Adult, Career, and Vocational Education, Columbus, Ohio.

Administering Programs for Handicapped Students. Professional Development Series, No. 3.
ED 179 770 (CE)

Career Education for the Handicapped Child: A Guide to Parent Education Programming. Information Series No. 180.
ED 179 772 (CE)

Computerized Career Information and Guidance Systems. Information Series No. 178.
ED 179 764 (CE)

Home Economics Education; A Review and Synthesis of the Research. Information Series No. 184.
ED 179 768 (CE)

Research and Investigation in Adult Education: 1976-1978 Register. Information Series No. 169.
ED 179 761 (CE)

Selecting and Using Tests of Career Skills. Information Series No. 177.
ED 179 763 (CE)

Serving Handicapped Students in Vocational Education: A Guide for Counselors. Information Series No. 186.
ED 179 771 (CE)

State Directory of Educational Dissemination for Adult, Career, and Vocational Education. Information Series No. 182.
ED 179 765 (CE)

Techniques and Strategies for Infusing Career Education into the Educational Program for Exceptional Children: Some Sample Resources. Information Series No. 181.
ED 179 767 (CE)

Viewpoints on Adult Education Research. Information Series No. 171.
ED 179 762 (CE)

Vocational Teacher Education: A Review of the Research. Information Series No. 185.
ED 179 769 (CE)

What "First Generation" Research on Career Education Says to the Classroom Teachers-and Vice Versa. Information Series No. 179.
ED 179 766 (CE)

ERIC Clearinghouse on Counseling and Personnel Services, Ann Arbor, Mich.

Consultation Skills for Pupil Personnel Services Staff.
ED 181 387 (CG)

Counseling Adults for Life Transitions.
ED 181 396 (CG)

Counseling Adults. Searchlight 41+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 398 (CG)

Counseling Exceptional People.
ED 181 397 (CG)

Counseling the Aging. Searchlight 11+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 394 (CG)

The Counselor as Change Agent. Searchlight 30+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 393 (CG)

The Counselor as Consultant. Searchlight 42+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 395 (CG)

Future Studies in the K-12 Curriculum.
ED 180 859 (SO)

Guidance and Counseling: Perspectives on an Emerging Profession.
ED 181 390 (CG)

Program Evaluation and Accountability. Searchlight 7+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 391 (CG)

Resource Resourcefulness: A One-Day Training Workshop.
ED 181 388 (CG)

Tests and Testing Programs. Searchlight 14+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 392 (CG)

Vocational Guidance in Manpower Development: Papers Presented at the Asian Regional Conference-Workshop (Manila, Philippines, 1977).
ED 181 389 (CG)

ERIC Clearinghouse on Early Childhood Education, Urbana, Ill.

Attachment and Children: Citations From Selected Data Bases.
ED 165 885 (PS)

Day Care Update: Programs, Policy and Research. An ERIC Abstract Bibliography.
ED 167 241 (PS)

The Development and Education of Children Outside the United States: An ERIC Abstract Bibliography.
ED 164 125 (PS)

Directory of Educational Programs for Adults Who Work With Children.
ED 170 021 (PS)

Helping Others Learn to Teach: Some Principles and Techniques for Inservice Educators.
ED 164 102 (PS)

ERIC Clearinghouse on Elementary and Early Childhood Education, Urbana, Ill.

Parent Involvement in Education: A Bibliography.
ED 174 352 (PS)

ERIC Clearinghouse on Higher Education, Washington, D.C.

Administrative Evaluation. Administrator's Update. Volume 1, Number 1.
ED 172 643 (HE)

Alternatives to Tenure. AAHE-ERIC/Higher Education Research Currents. March 1979.
ED 165 694 (HE)

Institutionalizing the Muse: The Arts and Artist in Higher Education. AAHE-ERIC/Higher Education. Research Currents.
ED 165 640 (HE)

Occupational Programs in Four-Year Colleges: Trends and Issues. AAHE-ERIC/ Higher Education Research Report No. 5, 1979.
ED 176 645 (HE)

ERIC Clearinghouse on Languages and Linguistics, Arlington, Va.
Adult Vocational ESL. Language in Education: Theory and Practice, No. 22.
ED 176 592 (FL)
Chicano English. Language in Education: Theory and Practice, No. 21.
ED 176 591 (FL)
Evaluating a Second Language Program. Language in Education: Theory and Practice, No. 19.
ED 176 589 (FL)
Foreign Languages, English as a Second/Foreign Language, and the U.S. Multinational Corporation. Language in Education: Theory and Practice, No. 16.
ED 179 089 (FL)
Games and Simulations in the Foreign Language Classroom. Language in Education.
ED 177 887 (FL)
Graduate Theses and Dissertations in English as a Second Language: 1977-78. Language in Education: Theory and Practice, No. 15.
ED 175 244 (FL)
Intensive Foreign Language Courses. Language in Education: Theory and Practice, No. 18.
ED 176 587 (FL)
Problems and Teaching Strategies in ESL Composition. (If Johnny Has Problems, What about Joan, Jean, and Ywe-Han?) Language in Education: Theory and Practice, No. 14.
ED 175 243 (FL)
Reading a Second Language. Language in Education: Theory and Practice, No. 20.
ED 176 588 (FL)
Testing Oral Communication in the Foreign Language Classroom. Language in Education: Theory and Practice, No. 17.
ED 176 590 (FL)

ERIC Clearinghouse on Reading and Communication Skills, Urbana, Ill.
College Student Press Law. Second Edition.
ED 180 000 (CS)
Communicating with the Elderly: Shattering Stereotypes.
ED 172 285 (CS)
ERIC First Analysis: 1979-80 National High School Debate Resolutions (What Should Be the Future Direction of the Foreign Policy of the United States?).
ED 170 805 (CS)
Listening Instruction.
ED 170 827 (CS)
Listening: Its Impact at All Levels on Reading and the Other Language Arts. Revised Edition.
ED 169 537 (CS)
Oral Language: Expression of Thought. Updated Edition.
ED 168 025 (CS)
Recommended English Language Arts Curriculum Guides K-12 and Criteria for Planning and Evaluation.
ED 176 332 (CS)
Teaching Reading Comprehension: Theory and Practice.
ED 169 478 (CS)

ERIC Clearinghouse on Teacher Education, Washington, D.C.
Influencing Behavior Through Instruction: Methodology in Health Education.
68 972 (SP)
Interpreting Research Results [illegible]eaching.
ED 164 517 (SP)
Perspectives on Graduate Programs in Education.
ED 173 277 (SP)
Relaxation: Education's Fourth "R."
ED 164 497 (SP)
Simulations and Games: An ERIC Bibliography. Bibliographies on Educational Topics No. 11.
ED 177 149 (SP)
The Supervision of Teachers: A Selected Annotated Bibliography. Bibliographies on Educational Topics No. 10.
ED 166 169 (SP)
The Teacher's World. Special Current Issues Publication No. 9.
ED 169 049 (SP)

ERIC Clearinghouse on Tests, Measurement, and Evaluation, Princeton, N.J.
Do Minorities Embrace the Concept of Minimum Competency?.
ED 178 615 (TM)
Evaluation of Users' Responses to the Information Analysis Products of the ERIC Clearinghouse on Tests, Measurement, and Evaluation.
ED 159 217 (TM)
Implications of Minimum-Competency Testing for Minority Students.
ED 178 616 (TM)
Minimum Competency Programs, Protected Classes, and Federal Agencies.
ED 178 617 (TM)
Minimum-Competency Testing: the Newest Obstruction to the Education of Black and Other Disadvantaged Americans.
ED 178 618 (TM)

ERIC Information Analysis Center for Science, Mathematics, and Environmental Education, Columbus, Ohio.
Alliance Affiliate Activities: Non-Governmental Organizations in Environmental Education.
ED 168 887 (SE)
Applied Mathematical Problem Solving.
ED 180 816 (SE)
Current Issues V: The Yearbook of Environmental Education and Environmental Studies. Selected Papers from the Eighth Annual Conference of the National Association for Environmental Education.
ED 180 822 (SE)
Developmental Implications of Science Teaching: Early Adolescence.
ED 174 401 (SE)
Energy Activities for the Classroom: Volume II.
ED 173 072 (SE)
Explorations in the Modeling of the Learning of Mathematics.
ED 173 113 (SE)
Research Reporting Sections, Annual Meeting of the National Council of Teachers of Mathematics (57th, Boston, Massachusetts, April 18-21, 1979).
ED 167 383 (SE)
Resources for Teaching Mathematics in Bilingual Classrooms.
ED 170 119 (SE)
Some Theoretical Issues in Mathematics Education: Papers From a Research Presession.
ED 180 815 (SE)
Understanding the Realities of Problem Solving in Elementary School With Practical Pointers for Teachers.
ED 179 424 (SE)

George Washington Univ., Washington, D.C. ERIC Clearinghouse on Higher Education.
Academic Advising: Getting Us Through the Eighties. AAHE-ERIC/Higher Education Research Reports, No. 7, 1979.
ED 178 023 (HE)
Adult Baccalaureate Programs. AAHE-ERIC/Higher Education Research Report No. 9.
ED 180 328 (HE)
Budgeting in Higher Education. AAHE-ERIC/Higher Education Research Report No. 3, 1979.
ED 169 875 (HE)
Changing Values in Higher Education. AAHE-ERIC/Higher Education Research Currents, April 1979.
ED 169 876 (HE)
Evaluation and Development of Administrators. AAHE-ERIC/Higher Education Research Report No. 6, 1979.
ED 176 711 (HE)
Interstate Migration of College Students. AAHE-ERIC/Higher Education Research Currents, December 1979.
ED 180 327 (HE)
Old Expectations, New Realities: The Academic Profession Revisited. AAHE-ERIC/Higher Education Research Report No. 2, 1979.
ED 169 874 (HE)
Professional Education in the Eighties: Challenges and Responses. AAHE-ERIC/Higher Education Research Report No. 8, 1979.
ED 179 187 (HE)
Reauthorizing the Higher Education Act of 1965. AAHE-ERIC/Higher Education Research Currents, November 1979.
ED 178 022 (HE)
Recycling Academic Calendars. AAHE-ERIC/Higher Education Research Currents, October 1979.
ED 176 677 (HE)
Revamping Core Curricula. AAHE-ERIC/Higher Education Research Currents, May 1979.
ED 169 877 (HE)
The Three "R's" of the Eighties: Reduction, Reallocation, and Retrenchment.
ED 172 642 (HE)
Women in Academe: Steps to Greater Equality. AAHE-ERIC/Higher Education Research Report No. 1, 1979.
ED 169 873 (HE)

International Reading Association, Newark, Del.
Oral Language: Expression of Thought. Updated Edition.
ED 168 025 (CS)

National Association for Environmental Education, Troy, Ohio.
Current Issues V: The Yearbook of Environmental Education and Environmental Studies. Selected Papers from the Eighth Annual Conference of the National Association for Environmental Education.
ED 180 822 (SE)

National Association for Research in Science Teaching.
Developmental Implications of Science Teaching: Early Adolescence.
ED 174 401 (SE)

National Association for the Education of Young Children, Washington, D.C.
Directory of Educational Programs for Adults Who Work With Children.
ED 170 021 (PS)

National Council of Coll. Publications Advisers, Terre Haute, Ind.
College Student Press Law. Second Edition.
ED 180 000 (CS)

National Council of Teachers of English, Urbana, Ill.
Listening: Its Impact at All Levels on Reading and the Other Language Arts. Revised Edition.
ED 169 537 (CS)
Recommended English Language Arts Curriculum Guides K-12 and Criteria for Planning and Evaluation.
ED 176 332 (CS)
Teaching Reading Comprehension: Theory and Practice.
ED 169 478 (CS)

National Inst. of Education (DHEW), Washington, D.C.
Academic Advising: Getting Us Through the Eighties. AAHE-ERIC/Higher Education Research Reports, No. 7, 1979.
ED 178 023 (HE)
Adult Baccalaureate Programs. AAHE-ERIC/Higher Education Research Report No. 9.
ED 180 328 (HE)
Adult Vocational ESL. Language in Education: Theory and Practice, No. 22.
ED 176 592 (FL)
Advancing International Education. New Directions for Community Colleges, Number 26.
ED 169 973 (JC)
Alliance Affiliate Activities: Non-Governmental Organizations in Environmental Education.
ED 168 887 (SE)
Alternatives to Tenure. AAHE-ERIC/Higher Education Research Currents. March 1979.
ED 165 694 (HE)
The Annotated Bibliography on Cross-Cultural Problems in Education. Volume II: Published Literature (Books). ERIC/CUE Urban Diversity Series, Number 62.
ED 169 191 (UD)
Applied Mathematical Problem Solving.
ED 180 816 (SE)

Assessing the Competencies of Media Professionals: A Model for Determining Costs and Effectiveness.
ED 179 250 (IR)

An Assessment of the Current Status of Educational Technology.
ED 179 247 (IR)

Attachment and Children: Citations From Selected Data Bases.
ED 165 885 (PS)

The Best of the Best of ERIC. Volume 2.
ED 163 620 (EA)

Bibliographic Instruction in Academic Libraries. A Review of the Literature and Selected Bibliography.
ED 180 505 (IR)

Budgeting in Higher Education. AAHE-ERIC/Higher Education Research Report No. 3, 1979.
ED 169 875 (HE)

Career Education for the Handicapped Child: A Guide to Parent Education Programming. Information Series No. 180.
ED 179 772 (CE)

Changing Values in Higher Education. AAHE-ERIC/Higher Education Research Currents, April 1979.
ED 169 876 (HE)

Chicano English. Language in Education: Theory and Practice, No. 21.
ED 176 591 (FL)

Children on Medication: A Primer for School Personnel.
ED 170 978 (EC)

A Classification of Evaluation Studies of Instructional Technology Included in the ERIC System.
ED 180 498 (IR)

Classroom Culture and the Problem of Control. ERIC/CUE Urban Diversity Series, Number 63.
ED 173 501 (UD)

Classroom Discipline. Research Action Brief Number 5.
ED 173 898 (EA)

College Student Press Law. Second Edition.
ED 180 000 (CS)

Communicating with the Elderly: Shattering Stereotypes.
ED 172 285 (CS)

Community College Financing in the Post-Proposition 13 Era. Junior College Resource Review.
ED 162 712 (JC)

Competency Testing and Equal Educational Opportunity. IRCD Bulletin, Volume 14, Number 2. Spring, 1979.
ED 179 644 (UD)

Computerized Career Information and Guidance Systems. Information Series No. 178.
ED 179 764 (CE)

Consultation Skills for Pupil Personnel Services Staff.
ED 181 387 (CG)

Consumer Education Sourcebook.
ED 180 861 (SO)

Cost-Effectiveness Analysis and Instructional Technology: A Review of Conceptual Issues and Selected References.
ED 179 249 (IR)

Counseling Adults for Life Transitions.
ED 181 396 (CG)

Counseling Adults. Searchlight 41+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 398 (CG)

Counseling Exceptional People.
ED 181 397 (CG)

Counseling the Aging. Searchlight 11+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 394 (CG)

The Counselor as Change Agent. Searchlight 30+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 393 (CG)

The Counselor as Consultant. Searchlight 42+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 395 (CG)

Counting the Transfer Students. Junior College Resource Review.
ED 172 864 (JC)

Current Issues V: The Yearbook of Environmental Education and Environmental Studies. Selected Papers from the Eighth Annual Conference of the National Association for Environmental Education.
ED 180 822 (SE)

Data Book of Social Studies Materials and Resources, Volume 5.
ED 180 858 (SO)

Day Care Update: Programs, Policy and Research. An ERIC Abstract Bibliography.
ED 167 241 (PS)

The Decline of Transfer Education. Topical Paper Number 70.
ED 179 273 (JC)

Developmental Implications of Science Teaching: Early Adolescence.
ED 174 401 (SE)

Developmental Mathematics. Junior College Resource Review.
ED 172 894 (JC)

The Development and Education of Children Outside the United States: An ERIC Abstract Bibliography.
ED 164 125 (PS)

Directory of Educational Programs for Adults Who Work With Children.
ED 170 021 (PS)

Directory of Organizations and Personnel in Educational Management. Sixth Edition.
ED 172 308 (EA)

Do Minorities Embrace the Concept of Minimum Competency?.
ED 178 615 (TM)

Educating Diverse Populations. Selected Papers. ERIC/CUE Urban Diversity Series, Number 59.
ED 169 192 (UD)

Educational Vouchers. School Management Digest Series 1, No. 17.
ED 173 889 (EA)

Energy Activities for the Classroom: Volume II.
ED 173 072 (SE)

Energy Management. The Best of ERIC on Educational Management, Number 47.
ED 179 002 (EA)

ERIC First Analysis: 1979-80 National High School Debate Resolutions (What Should Be the Future Direction of the Foreign Policy of the United States?).
ED 170 805 (CS)

An Essay on Incarcerated Youth: An Oppressed Group.
ED 170 991 (EC)

Evaluating a Second Language Program. Language in Education: Theory and Practice, No. 19.
ED 176 589 (FL)

Evaluation and Development of Administrators. AAHE-ERIC/Higher Education Research Report No. 6, 1979.
ED 176 711 (HE)

Evaluation of Users' Responses to the Information Analysis Products of the ERIC Clearinghouse on Tests, Measurement, and Evaluation.
ED 159 217 (TM)

Explorations in the Modeling of the Learning of Mathematics.
ED 173 113 (SE)

Fact Sheets from the ERIC Clearinghouse on Handicapped and Gifted Children: 1977 Series.
ED 179 032 (EC)

Fact Sheets from the ERIC Clearinghouse on Handicapped and Gifted Children: 1978 Series.
ED 179 033 (EC)

Fact Sheets from the ERIC Clearinghouse on Handicapped and Gifted Children: 1979 Series.
ED 179 034 (EC)

Foreign Languages, English as a Second/Foreign Language, and the U.S. Multinational Corporation. Language in Education: Theory and Practice, No. 16.
ED 179 089 (FL)

Future Studies in the K-12 Curriculum.
ED 180 859 (SO)

Games and Simulations in the Foreign Language Classroom. Language in Education.
ED 177 887 (FL)

Global Issues: Activities and Resources for the High School Teacher.
ED 179 436 (SO)

Graduate Theses and Dissertations in English as a Second Language: 1977-78. Language in Education: Theory and Practice, No. 15.
ED 175 244 (FL)

Guidance and Counseling: Perspectives on an Emerging Profession.
ED 181 390 (CG)

A Guide to Audiovisual Resources about ERIC.
ED 179 248 (IR)

Guide to Educational Resources. Fourth Edition, Revised and Updated.
ED 180 503 (IR)

Helping Others Learn to Teach: Some Principles and Techniques for Inservice Educators.
ED 164 102 (PS)

Hispanic Migrations from the Caribbean and Latin America: Implications for Educational Policy, Planning and Practice; Conference Proceedings. ERIC/CUE Urban Diversity Series, Number 65, August 1979.
ED 179 624 (UD)

Home Economics Education; A Review and Synthesis of the Research. Information Series No. 184.
ED 179 768 (CE)

How Communities and American Indian Parents Can Identify and Remove Culturally Biased Books from Schools.
ED 167 337 (RC)

How to Search ERIC for American Indian Materials.
ED 168 762 (RC)

Imaginary Gardens? Real Problems: An Analysis of Federal Information Sources on Rural Education.
ED 167 318 (RC)

Impacts of the Rural Turnaround on Rural Education.
ED 168 759 (RC)

Implications of Minimum-Competency Testing for Minority Students.
ED 178 616 (TM)

The Implications of "Regents of California v. Bakke" For University Admission and Hiring.
ED 169 183 (UD)

Influencing Behavior Through Instruction: Methodology in Health Education.
ED 168 972 (SP)

Information in Social Gerontology.
ED 169 951 (IR)

The Information Interview: A Comprehensive Bibliography and an Analysis of the Literature.
ED 180 501 (IR)

Institutionalizing the Muse: The Arts and Artist in Higher Education. AAHE-ERIC/Higher Education. Research Currents.
ED 165 640 (HE)

Intensive Foreign Language Courses. Language in Education: Theory and Practice, No. 18.
ED 176 587 (FL)

Interpreting Research Results on Teaching.
ED 164 517 (SP)

Interstate Migration of College Students. AAHE-ERIC/Higher Education Research Currents, December 1979.
ED 180 327 (HE)

Law in the Classroom. Activities and Resources.
ED 179 468 (SO)

Leadership Effectiveness. ACSA School Management Digest, Series 1, No. 16. ERIC/CEM Research Analysis Series Number 44.
ED 176 362 (EA)

Listening Instruction.
ED 170 827 (CS)

Listening: Its Impact at All Levels on Reading and the Other Language Arts. Revised Edition.
ED 169 537 (CS)

Managing in a New Era. New Directions for Community Colleges, Number 28.
ED 178 149 (JC)

Merit Pay Programs. The Best of ERIC, Number 44.
ED 168 128 (EA)

Minimum Competency Programs, Protected Classes, and Federal Agencies.
ED 178 617 (TM)

Minimum-Competency Testing: the Newest Obstruction to the Education of Black and Other Disadvantaged Americans.
ED 178 618 (TM)

Motivation of Teachers. ACSA School Management Digest, Series 1, Number 18. ERIC/CEM Research Analysis Series, Number 46.
ED 178 998 (EA)
National Migrant Education Program Math Skills Information System.
ED 164 227 (RC)
Occupational Programs in Four-Year Colleges: Trends and Issues. AAHE-ERIC/ Higher Education Research Report No. 5, 1979.
ED 176 645 (HE)
Old Expectations, New Realities: The Academic Profession Revisited. AAHE-ERIC/Higher Education Research Report No. 2, 1979.
ED 169 874 (HE)
Oral Language: Expression of Thought. Updated Edition.
ED 168 025 (CS)
Outdoor Education: Community Studies Through Field Experiences.
ED 167 317 (RC)
Parent Involvement in Education: A Bibliography.
ED 174 352 (PS)
Perspective: Community Colleges in the 1980s. Horizon Issues Monograph Series.
ED 178 146 (JC)
Perspectives on Graduate Programs in Education.
ED 173 277 (SP)
Perspectives on Sex and Gender: Proceedings of a Multidisciplinary Conference. ERIC/CUE Urban Diversity Series, Number 61.
ED 169 197 (UD)
Physical Education and Athletics: Strategies for Meeting Title IX Requirements. Conference Proceedings. ERIC/CUE Urban Diversity Series, Number 66, August 1979.
ED 179 628 (UD)
A Practitioner's Guide to Concepts and Measures of Motivation.
ED 169 953 (IR)
Problems and Teaching Strategies in ESL Composition. (If Johnny Has Problems, What about Joan, Jean, and Ywe-Han?) Language in Education: Theory and Practice, No. 14.
ED 175 243 (FL)
Professional Education in the Eighties: Challenges and Responses. AAHE-ERIC/Higher Education Research Report No. 8, 1979.
ED 179 187 (HE)
Program Evaluation and Accountability. Searchlight 7+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 391 (CG)
Pursuing Equal Educational Opportunity: School Politics and the New Activists. ERIC/CUE Urban Diversity Series, Number 64, Summer 1979.
ED 179 625 (UD)
Reading a Second Language. Language in Education: Theory and Practice, No. 20.
ED 176 588 (FL)
Reauthorizing the Higher Education Act of 1965. AAHE-ERIC/Higher Education Research Currents, November 1979.
ED 178 022 (HE)
Recommended English Language Arts Curriculum Guides K-12 and Criteria for Planning and Evaluation.
ED 176 332 (CS)
Recycling Academic Calendars. AAHE-ERIC/ Higher Education Research Currents, October 1979.
ED 176 677 (HE)
Reducing Student Absenteeism. The Best of ERIC on Educational Management, Number 48.
ED 180 067 (EA)
Relaxation: Education's Fourth "R."
ED 164 497 (SP)
Research and Investigation in Adult Education: 1976-1978 Register. Information Series No. 169.
ED 179 761 (CE)
Research Reporting Sections, Annual Meeting of the National Council of Teachers of Mathematics (57th, Boston, Massachusetts, April 18-21, 1979).
ED 167 383 (SE)
Resource Resourcefulness: A One-Day Training Workshop.
ED 181 388 (CG)
Resources for Teaching Mathematics in Bilingual Classrooms.
ED 170 119 (SE)
Revamping Core Curricula. AAHE-ERIC/ Higher Education Research Currents, May 1979.
ED 169 877 (HE)
School Closing. The Best of ERIC Clearinghouse on Educational Management, Number 46.
ED 172 319 (EA)
School Crime and the Social Order of the School.
ED 177 256 (UD)
Schooling in Haiti. ERIC/CUE Urban Diversity Series, Number 60.
ED 169 193 (UD)
Science and Social Science in the Two-Year College. Topical Paper Number 69.
ED 172 854 (JC)
Selected Social Studies Skills: 88 Reinforcement Lessons for Secondary Students.
ED 170 188 (SO)
Selecting and Using Tests of Career Skills. Information Series No. 177.
ED 179 763 (CE)
Serving Handicapped Students in Vocational Education: A Guide for Counselors. Information Series No. 186.
ED 179 771 (CE)
Serving New Populations. New Directions for Community Colleges, Number 27.
ED 175 520 (JC)
Sex Education and the Library: A Basic Bibliography for the General Public with Special Resources for the Librarian.
ED 180 504 (IR)
Shaping the Curriculum. New Directions for Community Colleges, Number 25.
ED 171 334 (JC)
Simulations and Games: An ERIC Bibliography. Bibliographies on Educational Topics No. 11.
ED 177 149 (SP)
Social Studies Teacher Education: Practices, Problems, and Recommendations.
ED 170 187 (SO)
Some Theoretical Issues in Mathematics Education: Papers From a Research Presession.
ED 180 815 (SE)
Staff Development for the Social Studies Teacher.
ED 180 860 (SO)
State Directory of Educational Dissemination for Adult, Career, and Vocational Education. Information Series No. 182.
ED 179 765 (CE)
Student Activities Programs. The Best of ERIC, Number 45.
ED 169 612 (EA)
Student Retention vs. Social Promotion. The Best of ERIC, Number 43.
ED 166 771 (EA)
The Supervision of Teachers: A Selected Annotated Bibliography. Bibliographies on Educational Topics No. 10.
ED 166 169 (SP)
The Teacher and the Reading Skills Report for Migrant Students.
ED 170 078 (RC)
Teacher Evaluation. Research Action Brief Number 4.
ED 172 367 (EA)
Teacher Supervision. The Best of ERIC, Number 42.
ED 166 770 (EA)
The Teacher's World. Special Current Issues Publication No. 9.
ED 169 049 (SP)
Teaching Reading Comprehension: Theory and Practice.
ED 169 478 (CS)
Techniques and Strategies for Infusing Career Education into the Educational Program for Exceptional Children: Some Sample Resources. Information Series No. 181.
ED 179 767 (CE)
Testing Oral Communication in the Foreign Language Classroom. Language in Education: Theory and Practice, No. 17.
ED 176 590 (FL)
Tests and Testing Programs. Searchlight 14+: An Information Analysis Paper, November 1966 through December 1978.
ED 181 392 (CG)
The Three "R's" of the Eighties: Reduction, Reallocation, and Retrenchment.
ED 172 642 (HE)
Time and Resource Management for Small Schools.
ED 167 305 (RC)
Understanding the Realities of Problem Solving in Elementary School With Practical Pointers for Teachers.
ED 179 424 (SE)
Viewpoints on Adult Education Research. Information Series No. 171.
ED 179 762 (CE)
Vocational Guidance in Manpower Development: Papers Presented at the Asian Regional Conference-Workshop (Manila, Philippines, 1977).
ED 181 389 (CG)
Vocational Teacher Education: A Review of the Research. Information Series No. 185.
ED 179 769 (CE)
What "First Generation" Research on Career Education Says to the Classroom Teachers-and Vice Versa. Information Series No. 179.
ED 179 766 (CE)
Women in Academe: Steps to Greater Equality. AAHE-ERIC/Higher Education Research Report No. 1, 1979.
ED 169 873 (HE)
A Working Bibliography of Commercially Available Audiovisual Materials for the Teaching of Library Science. Second Edition, Revised and Expanded.
ED 180 502 (IR)

National Science Foundation, Washington, D.C.

Science and Social Science in the Two-Year College. Topical Paper Number 69.
ED 172 854 (JC)

New Mexico State Univ., University Park. ERIC Clearinghouse on Rural Education and Small Schools.

How Communities and American Indian Parents Can Identify and Remove Culturally Biased Books from Schools.
ED 167 337 (RC)
How to Search ERIC for American Indian Materials.
ED 168 762 (RC)
Imaginary Gardens? Real Problems: An Analysis of Federal Information Sources on Rural Education.
ED 167 318 (RC)
Impacts of the Rural Turnaround on Rural Education.
ED 168 759 (RC)
National Migrant Education Program Math Skills Information System.
ED 164 227 (RC)
Outdoor Education: Community Studies Through Field Experiences.
ED 167 317 (RC)
The Teacher and the Reading Skills Report for Migrant Students.
ED 170 078 (RC)
Time and Resource Management for Small Schools.
ED 167 305 (RC)

Office of Education (DHEW), Washington, D.C.

Changing Administrative Relations Under Collective Bargaining. Junior College Resource Review.
ED 170 015 (JC)
Four Phases of Developmental Education. Junior College Resource Review.
ED 165 858 (JC)
Physical Education and Athletics: Strategies for Meeting Title IX Requirements. Conference Proceedings. ERIC/CUE Urban Diversity Series, Number 66, August 1979.
ED 179 628 (UD)
Trends in Ethnic Enrollments. Junior College Resource Review.
ED 164 056 (JC)

Ohio State Univ., Columbus. National Center for Research in Vocational Education.

Career Education for the Handicapped Child: A Guide to Parent Education Programming. Information Series No. 180.
ED 179 772 (CE)

Computerized Career Information and Guidance Systems. Information Series No. 178.
ED 179 764 (CE)

Home Economics Education; A Review and Synthesis of the Research. Information Series No. 184.
ED 179 768 (CE)

Research and Investigation in Adult Education: 1976-1978 Register. Information Series No. 169.
ED 179 761 (CE)

Selecting and Using Tests of Career Skills. Information Series No. 177.
ED 179 763 (CE)

Serving Handicapped Students in Vocational Education: A Guide for Counselors. Information Series No. 186.
ED 179 771 (CE)

State Directory of Educational Dissemination for Adult, Career, and Vocational Education. Information Series No. 182.
ED 179 765 (CE)

Techniques and Strategies for Infusing Career Education into the Educational Program for Exceptional Children: Some Sample Resources. Information Series No. 181.
ED 179 767 (CE)

Viewpoints on Adult Education Research. Information Series No. 171.
ED 179 762 (CE)

Vocational Teacher Education: A Review of the Research. Information Series No. 185.
ED 179 769 (CE)

What "First Generation" Research on Career Education Says to the Classroom Teachers–and Vice Versa. Information Series No. 179.
ED 179 766 (CE)

Oregon Univ., Eugene. ERIC Clearinghouse on Educational Management.

The Best of the Best of ERIC. Volume 2.
ED 163 620 (EA)

Classroom Discipline. Research Action Brief Number 5.
ED 173 898 (EA)

Directory of Organizations and Personnel in Educational Management. Sixth Edition.
ED 172 308 (EA)

Educational Vouchers. School Management Digest Series 1, No. 17.
ED 173 889 (EA)

Energy Management. The Best of ERIC on Educational Management, Number 47.
ED 179 002 (EA)

Leadership Effectiveness. ACSA School Management Digest, Series 1, No. 16. ERIC/CEM Research Analysis Series Number 44.
ED 176 362 (EA)

Merit Pay Programs. The Best of ERIC, Number 44.
ED 168 128 (EA)

Motivation of Teachers. ACSA School Management Digest, Series 1, Number 18. ERIC/CEM Research Analysis Series, Number 46.
ED 178 998 (EA)

Reducing Student Absenteeism. The Best of ERIC on Educational Management, Number 48.
ED 180 067 (EA)

School Closing. The Best of ERIC Clearinghouse on Educational Management, Number 46.
ED 172 319 (EA)

Student Activities Programs. The Best of ERIC, Number 45.
ED 169 612 (EA)

Student Retention vs. Social Promotion. The Best of ERIC, Number 43.
ED 166 771 (EA)

Teacher Evaluation. Research Action Brief Number 4.
ED 172 367 (EA)

Teacher Supervision. The Best of ERIC, Number 42.
ED 166 770 (EA)

Social Science Education Consortium, Inc., Boulder, Colo.

Consumer Education Sourcebook.
ED 180 861 (SO)

Data Book of Social Studies Materials and Resources, Volume 5.
ED 180 858 (SO)

Global Issues: Activities and Resources for the High School Teacher.
ED 179 436 (SO)

Law in the Classroom. Activities and Resources.
ED 179 468 (SO)

Selected Social Studies Skills: 88 Reinforcement Lessons for Secondary Students.
ED 170 188 (SO)

Social Studies Teacher Education: Practices, Problems, and Recommendations.
ED 170 187 (SO)

Staff Development for the Social Studies Teacher.
ED 180 860 (SO)

Speech Communication Association, Falls Church, Va.

Communicating with the Elderly: Shattering Stereotypes.
ED 172 285 (CS)

ERIC First Analysis: 1979-80 National High School Debate Resolutions (What Should Be the Future Direction of the Foreign Policy of the United States?).
ED 170 805 (CS)

Listening Instruction.
ED 170 827 (CS)

Syracuse Univ., N.Y. ERIC Clearinghouse on Information Resources.

Assessing the Competencies of Media Professionals: A Model for Determining Costs and Effectiveness.
ED 179 250 (IR)

An Assessment of the Current Status of Educational Technology.
ED 179 247 (IR)

Bibliographic Instruction in Academic Libraries. A Review of the Literature and Selected Bibliography.
ED 180 505 (IR)

A Classification of Evaluation Studies of Instructional Technology Included in the ERIC System.
ED 180 498 (IR)

Cost-Effectiveness Analysis and Instructional Technology: A Review of Conceptual Issues and Selected Refereences.
ED 179 249 (IR)

A Guide to Audiovisual Resources about ERIC.
ED 179 248 (IR)

Guide to Educational Resources. Fourth Edition, Revised and Updated.
ED 180 503 (IR)

Information in Social Gerontology.
ED 169 951 (IR)

The Information Interview: A Comprehensive Bibliography and an Analysis of the Literature.
ED 180 501 (IR)

A Practitioner's Guide to Concepts and Measures of Motivation.
ED 169 953 (IR)

Sex Education and the Library: A Basic Bibliography for the General Public with Special Resources for the Librarian.
ED 180 504 (IR)

A Working Bibliography of Commercially Available Audiovisual Materials for the Teaching of Lirary Science. Second Edition, Revised and Expanded.
ED 180 502 (IR)